



ABSTRACT OF STATISTICS

FOR

TAMIL NADU

VOLUME XXII No. 1

For the Quarter ended March 1977

ISSUED BY
THE DIRECTOR OF STATISTICS
MADRAS

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1978

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सत्यमेव जयते

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PREFACE

The Abstract of Statistics for Tamil Nadu presents in the form of a compendium, current statistics on selected items of importance. This publication is intended to serve as an authoritative gbook of reference to Government Departments, Research Scholars, Statisticians, Economists, sPlanners, etc.

This issue covers in the main, statistics for the quarter ended March 1977 with comparative data to the extent available.

Chapters on 'Economic Situation in Tamil Nadu' and 'Select Economic Indicators' highlight the tempo of progress of Tamil Nadu.

special feature of this issue is the inclusion of a report on the Study of Student Wastage Professional and Technical Colleges and Polytechnics in Tamil Nadu.

The co-operation extended by other Heads of Departments in furnishing the statistics required, gratefully acknowledged.

MADRAS,
1977.

R. PADMAVALLI,
Director of Statistics.



CONTENTS.

PART A.

Economic Situation in Tamil Nadu	3
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PART B.

Study of Student Wastage in Professional and Technical Colleges and Polytechnics in Tamil Nadu	9
--	---

PART C.

Select Economic Indicators	13
------------------------------------	----

PART D.

I. CLIMATE AND RAINFALL.

Rainfall by districts	8
Water levels in select reservoirs	20

II. AREA AND POPULATION.

Area and Population by districts	21
Growth rate, Density, Sex ratio and Literacy.	21
Scheduled Castes and Scheduled Tribes	22
Population by categories of workers	22

III. AGRICULTURE.

Land Utilisation by districts	24
Area irrigated by sources/crops	27
Index Numbers of Agricultural Economy	28
Index Numbers of wages paid to certain categories of agricultural labour	30

IV. CROP PROSPECTS.

Summary of Forecast Reports on certain crops	31
--	----

V. INDUSTRIES.

Results of Annual Survey of Industries	33
Industrial Production by products	37
Index Number of Industrial Production	41

VI. HANDLOOM.

Production of Handloom Cloth	47
--------------------------------------	----

VII. JOINT STOCK COMPANIES.

New Registrations of Joint Stock Companies	49
Liquidations of Joint Stock Companies	50
New Registrations of Joint Stock Companies by Industrial classification	50

VIII. ELECTRICITY.

Electricity generated and purchased	51
Consumption of Electricity	51
Rural Electrification	52

	PAGE.
IX. HOUSING.	
Houses constructed by the Tamil Nadu Housing Board	53
Permits sanctioned for construction of new buildings in Public and Private Sectors in Madras City ..	53
Constructions by the Tamil Nadu Slum Clearance Board	54
Index number of Building Cost in Madras City	54
X. TRANSPORT.	
New Registrations of Motor Vehicles	55
XI. PRICES.	
Average Wholesale prices of select commodities in Tamil Nadu	57
Average Retail prices of select commodities in Tamil Nadu	60
Index numbers of Wholesale prices of Foodgrains and Commercial Products	63
Consumer Price Index Numbers for industrial workers	64
Consumer Price Index Numbers for Urban Non-Manual Employees	65
Index Number of Rural Prices for select centres	66
Index Number of Prices received and prices paid by the farmer and the Index Number of parity ..	67
XII. TRADE.	
Quantum of foreign imports and exports through the ports of Tamil Nadu	68
XIII. LABOUR AND EMPLOYMENT.	
Registrations and placements through Employment Exchanges	69
Workers in Plantations	71
Average daily earnings of workers in Plantations	72
XIV. STATE FINANCE.	
Receipts and Expenditure on Revenue Account	73
XV. STATE INCOME.	
Net State Domestic Product at Factor cost by Industry of origin at Current Prices	75
Net State Domestic Product at Factor cost by Industry of Origin at constant (1960-61) Prices	76

PART—A.

सत्यमेव जयते

ECONOMIC SITUATION IN TAMIL NADU.

Rainfall.—The rainfall during the winter season, extending over January and February 1977, was deficient to an extent of 50.1 per cent for Tamil Nadu as a whole. The rainfall was deficient throughout the State, except in the districts of Tirunelveli and Kanniyakumari where it was normal.

As compared to the corresponding period of the previous year, the rainfall was above the actual in all the districts of the State except in Madras City.

Water-supply.—During the quarter ended March 1977, the water-supply was reported to be inadequate in the districts of South Arcot, North Arcot, Dharmapuri, Coimbatore, Tiruchirappalli, Pudukottai, Madurai, Ramanathapuram and the tail-end area of Kanniyakumari.

The water level in the various reservoirs had been steadily declining during the quarter with slight fluctuations. However, the water level in Sholavaram reservoir had risen during March, 1977.

Crop prospects.—During the quarter ended March 1977, rainfall was nil or negligible in all the districts of the State. The beneficial effect of North East Monsoon in the current year was deficient in most of the districts of the State.

When compared to the previous year, there was a decrease of 12.6 per cent in the area under paddy which is the principal crop in the State.

Harvests of various food and non-food crops were in progress in many parts of the State.

Harvest of paddy, groundnut and ragi crops in many parts of Salem and Coimbatore districts was in progress.

Tobacco was being harvested in Gobichettipalayam taluk of Coimbatore district. Harvest of samba paddy was in progress in Tiruchirappalli and Lalgudi taluks of Tiruchirappalli district.

Harvest of paddy, sugarcane and other crops was done in parts of Ramanathapuram district. Harvest of paddy was in full swing in Thambaraparani Delta area of Tirunelveli district. Results of the harvests were normal in most parts of the State.

Agriculture.—The total geographical area of Tamil Nadu according to village papers was 13.0 million hectares in 1974-75, out of which, the net area sown accounted for 5.5 million hectares, the area cultivable but not cultivated was 3.2 million hectares and the uncultivable land was 4.3 million hectares. Out of 5.5 million hectares of the net area sown, 2.4 million hectares of about 44 per cent was irrigated. The area sown more than once was 1.1 million hectares, of which 0.6 million hectares or about 55 per cent was irrigated.

The gross cropped area was 6.6 million hectares, out of which 3.0 million hectares or 46 per cent was irrigated.

Crop Yield.—The estimated average yield of principal crops showed an increase in 1975-76 over the previous year as shown below :

YIELD PER HECTARE IN KILOGRAM.

								1974-75.	1975-76.	Increase.
Crop.								(2)	(3)	(4)
(1)										
										Per cent.
Rice	..	..	..	..	..	..	..	1,597	2,076	30
Groundnut	..	..	..	..	..	..	..	823	1,128	37
Gingelly	..	..	..	..	..	..	..	251	319	27
Sugarcane	..	..	..	..	..	..	..	91	93	12

YIELD PER HECTARE IN KILOGRAM.

<i>Crop.</i>						1974-75.	1975-76.	<i>Increase</i>
(1)						(2)	(3)	(4)
						Per cent.		
Cholam—Irrigated ..	..	.	..	..	..	1,427	1,849	30
Unirrigated ..	..	..	..	..	..	414	699	69
Combined ..	..	..	..	..	..	602	853	42
Cumbu—Irrigated ..	..	..	..	..	..	1,552	1,624	6
Unirrigated ..	..	..	..	..	..	425	604	42
Combined ..	..	..	..	..	..	576	700	22
Ragi—Irrigated ..	..	..	..	..	..	1,629	1,815	11
Unirrigated ..	..	..	..	..	..	906	1,227	14
Combined ..	..	..	..	..	..	1,233	1,512	23
Cotton (lint) ..	..	..	..	..	..	187	230	23

The comparative increase in 1975-76 was mainly due to the favourable monsoon prevailed in most parts of the State.

Index of Agricultural Economy.—The index numbers of area under crops, yield, agricultural production, cropping intensity and productivity for 1975-76 increased as compared with the previous year. The index of cropping pattern, however, decreased.

Industrial production.—The index of Industrial Production in Tamil Nadu (1970=100) increased from 135.7 during the quarter ended September 1976 to 138.1 during the quarter ended December 1976. The index increased by 2.4 points or by 1.8 per cent.

The production of sugar (refined), tea (processed), ammonia, urea, mixed fertilizers, pesticides diesel engines, power driven pumps and railway wagons showed significant increase over the previous quarter.

The output of gypsum, refined oil, coffee (cured), tubes (all types), coated abrasives and transformers had, however, declined during the quarter ended December 1976.

Electricity.—During the quarter ended March 1977, the electricity generated was 1,213 million units as against 1,145 million units in the previous quarter.

The consumption of electricity increased from 1,547 million units during the quarter ended September 1976 to 1,552 million units during the quarter ended December 1976.

Handloom.—The estimated production of handloom cloth in Tamil Nadu was 15,80,83 thousand metres during the quarter ended December 1976 showing a fall of 0.44 per cent when compared with the previous quarter.

Marine Fisheries.—The marine fish production throughout the coastline of Tamil Nadu for the quarter ended March 1977 is provisionally estimated at 20,689 tonnes as against 16,271 tonnes estimated for the previous quarter indicating a rise of 27.2 per cent.

Joint Stock Companies.—During the quarter ended March 1977, 46 companies were newly registered as against 41 companies in the previous quarter. The total authorised capital of the companies registered during the quarter was Rs. 879.69 lakhs as against Rs. 354.39 lakhs in the previous quarter.

Transport.—During the quarter ended March 1977, the number of motor vehicles newly registered was 5,774 as against 6,051 in the previous quarter.

Index numbers of wholesale prices in Tamil Nadu.—During the quarter under review, the index numbers of wholesale prices of foodgrains, commercial products and the composite index (21st August 1939=100) declined by 4.6 per cent, 2.1 per cent and 3.0 per cent respectively.

Consumer price index numbers.—During the quarter under review, the consum price index numbers for March 1977 (1960=100) as compared to January 1977 advanced in Cuddalore and Madurai declined in Tiruchirappalli, Coimbatore and Nagercoil and remained unchanged in Madras City and Coonoor.

Rural price index numbers.—During the quarter ended March 1977, the index number of rural prices (Year ended June 1936=100) for Piliyur, Agaram, Gokilapuram and Kinathukadavu advanced while that of Thulayanatham, Eriodu, Guduvancheri and Kunnathur declined.

Consumer price index numbers for urban non-manual employees.—During the quarter ended December 1976, the Consumer Price Index Numbers for urban non-manual employees (1960=100) appreciated in Madras City and Tiruchirappalli, while it receded in Madurai when compared with the index for the last month of the previous quarter.

Parity index.—The index number of parity between the prices received and the price paid by the farmer (1954-55=100) moved up by 4.1 per cent during the quarter.

Employment.—Compared with the previous quarter, the total number of employment seekers on the Live Register of Employment Exchanges at the end of the quarter ended March 1977 increased by 6.0 per cent. The number of persons registered and placements made through the Employment Exchanges during the quarter decreased by 20.4 and 8.3 per cent respectively when compared with the previous quarter.



PART—B.



STUDY OF STUDENT WASTAGE IN PROFESSIONAL AND TECHNICAL COLLEGES AND POLYTECHNICS IN TAMIL NADU.

The Study on Student Wastage in Professional and Technical Colleges and Polytechnics in Tamil Nadu was undertaken with the objectives of finding out the student wastage rates in Medical, Agricultural, Veterinary and Engineering Colleges and Polytechnics in Tamil Nadu and covered the first degree course in these colleges, viz., M.B.B.S., B.Sc. (Ag.), B.V.Sc. and B.E. and B.Tech. and the first diploma course in Engineering in the Polytechnics viz., D.C.E., D.M.E., D.E.E., etc. Two cohorts of students were covered in each course as detailed below :—

<i>Course of study.</i>	<i>Cohorts of students covered.</i>
1. M.B.B.S. 	1963 and 1965 batches.
2. B.Sc. (Ag.) 	1966 and 1968 batches.
3. B.V.Sc. 	1965 and 1967 batches.
4. B.E. and B.Tech. 	1965 and 1967 batches.
5. Engineering Diploma (D.C.E., D.M.E., D.E.E., etc.).	1966 and 1968 batches.

Student Wastage is of two kinds.— (i) Real wastage and (ii) Time Wastage. Real Wastage may be defined as the percentage of students who do not complete the course or pass all the relevant examinations irrespective of time allowed, to the total number of students admitted in a particular year. Time wastage refers to the additional time taken by students to complete the course and pass the relevant examinations than the normal duration of the course.

The study revealed that B.Sc. (Ag.) Course recorded the lowest real wastage of 2.06 per cent, while engineering diploma course had the highest real wastage of 39.06 per cent. Real wastage was also high in B.V.Sc. Course with 22.51 per cent. The real wastage in M.B.B.S. and B. Tech. courses were 6.56 per cent and 7.18 per cent respectively.

Real Wastage was due to two reasons: (i) due to discontinuance of students before completing the course and (ii) failure to pass the course including those who were "Yet to pass". Especially in Professional and Technical Courses wastage due to failure to pass the course will be practically 'nil' since failure to pass the course will entail loss of career itself. There will, however, be time lag in passing the course. For the purpose of this study, a period of four years over and above the normal duration of the course has been allowed. Students who had not passed the course within this extended time were treated as wastage due to 'Yet to pass'. The study revealed that wastage due to 'Yet to pass' was not significant except in M.B.B.S. Course which recorded a wastage of 6.03 per cent on this account as against a total real wastage of 6.56 per cent. Wastage due to 'Yet to pass' was virtually 'nil' in B.Sc. (Ag.) Course. B.V.Sc. Course registered a wastage of 2.58 per cent due to 'Yet to pass', while B.E. and B.Tech. Course and Engineering diploma course registered a wastage of 1.84 per cent and 1.80 per cent respectively due to 'Yet to pass'.

Wastage 'due to discontinuance' was the highest in Engineering diploma course with 37.26 per cent. B.V.Sc. Course also recorded a high rate of wastage due to discontinuance of 19.93 per cent.

B.V.Sc. Course recorded the highest rate of time wastage of 24.19 per cent. Time wastage was also significant in M.B.B.S. Course with 15.24 per cent and in Engineering Diploma Course with 15.83 per cent. B.E. and B. Tech. and B.Sc. (Ag.) courses recorded a time wastage of 10.25 per cent and 6.31 per cent respectively.

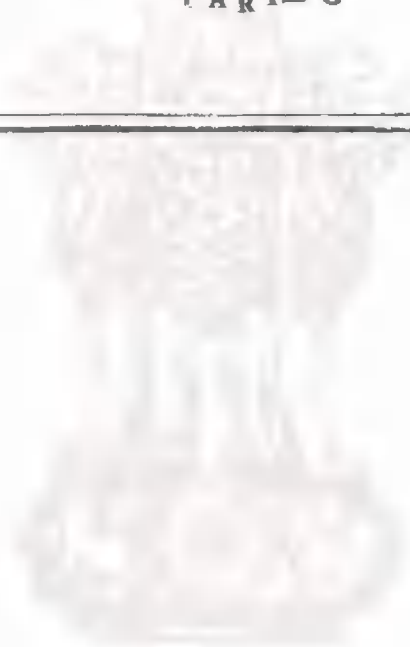
The high rate of real wastage observed in Engineering diploma course was mainly due to discontinuance of students. This took place in three stages: (i) before appearing for the P.T.C. (Pre-technical Course) examination, (ii) after the failure in the P.T.C. examination and (iii) after passing the P.T.C. examination. While discontinuance before the P.T.C. examination (which would occur generally in the beginning of the P.T.C.) and after the failure in the Pre-Technical Course examination is not uncommon, discontinuance after passing the Pre-Technical Course examination is a peculiar phenomenon only in the Engineering diploma course. This is mainly due to the fact a pass in the Pre-technical examination course is treated as equivalent to a pass in the P.U.C. examination and entails the student eligible for admission to degree courses in Arts and Science in Arts Colleges and B.E. and B.Tech. Courses in Engineering Colleges.

The high percentage of student wastage (real as well as time wastage) in Veterinary Science Course (B.V.Sc.) may be due to many factors such as lack of aptitude on the part of the students, want of better coaching facilities, over-load in the curriculum, some of the subjects taught being very difficult to follow and master within the period of time allotted and so on. The specific causes need to be investigated and remedial measures taken so that the high rate of discontinuance and stagnation of students may be brought down to the minimum possible level.



GOVERNMENT OF INDIA

PART—C



REPUBLIC OF INDIA

SELECT ECONOMIC INDICATORS.

1. POPULATION GROWTH.

	1941.	1951.	1961.	1971.
Population in Lakhs	2,63	3,01	3,37	4,12
Decadal Variation (percentage)	+11.91	+14.66	+11.85	+22.30
Index of Population (1901=100)	136	156	175	214

2. INDEX NUMBERS OF AGRICULTURAL ECONOMY.

(Trennum ended 1961-62=100.)

	1970-71.	1971-72.	1972-73.	1973-74.	1974-75.	1975-76*
Area under crops	102.2	106.1	107.6	100.0	93.0	106.6
Cropping pattern	113.1	111.7	113.2	115.3	118.0	114.4
Yield	109.6	114.5	114.2	122.9	102.9	127.9
Agricultural Production—						
Food	127.9	132.5	138.2	141.0	92.1	149.0
Non-food	125.2	139.8	140.6	162.3	140.4	165.3
Combined	126.7	135.7	139.2	150.2	113.0	156.1
Net area sown	102.5	105.5	105.2	102.6	92.3	92.3
Cropping Intensity	99.7	100.5	102.3	103.3	100.8	115.5
Productivity	123.6	128.6	132.3	146.4	122.4	169.1

* Provisional.

3. INDEX NUMBER OF INDUSTRIAL PRODUCTION.

(1960=100.)

	1971.	1972.	1973.	1974.	1975.	1976.
General Index	184	187	180	197	197	138 @

@ 1970 = 100.

4. INDEX NUMBERS OF WHOLESALE PRICES.

(21st August 1939 = 100.)

Index.	1971.	1972.	1973.	1974.	1975.	1976.
Foodgrains	1,061	1,112	1,192	2,102	2,512	1,730
Commercial products	1,338	1,498	2,017	2,265	2,391	2,463
Composite Index	1,215	1,327	1,653	2,193	2,445	2,139

5. CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS.

(1960 = 100)

Centre.	1971.	1972.	1973.	1974.	1975.	1976.
Madras City	178	197	221	281	325	283
Cuddalore	187	201	224	296	325	289
Tiruchirappalli	192	208	246	329	372	313
Madurai	189	201	226	306	352	296
Coimbatore	174	185	207	282	331	300
Nagercoil	198	219	255	339	390	330
Coonoor	186	193	214	307	314	295

6. ALL INDIA CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS.

(1960 = 100)

	1971.	1972.	1973.	1974.	1975.	1976.
All India Consumer Price Index.	190	202	236	304	321	296

7. CONSUMER PRICE INDEX NUMBERS FOR URBAN NON-MANUAL EMPLOYEES.

1960 = 100).

Centre.	1971.	1972.	1973.	1974.	1975.	1976.
Madras City	184	200	222	275	310	292
Madurai	164	175	199	264	306	285
Tiruchirappalli	182	194	209	273	313	282

8. INDEX NUMBERS OF RURAL PRICES.

(Year ended June 1936 = 100)

Centre.	1971.	1972.	1973.	1974.	1975.	1976.
Puliyur (South Arcot) ..	987	1,038	1,215	1,709	2,028	1,635
Agaram (South Arcot) ..	956	1,006	1,158	1,594	1,736	1,534
Thulayanatham (Tiruchirappalli).	1,019	1,061	1,162	1,693	2,083	1,837
Eriodu (Madurai)	998	1,019	1,245	2,010	2,302	1,737
Gokilapuram (Madurai) ..	1,126	1,239	1,500	2,240	2,452	1,996
Kinathukadavu (Coimbatore).	1,024	1,047	1,310	2,242	2,527	1,821
Guduvancheri (Chingleput)	1,056	1,090	1,288	1,954	2,211	1,598
Kunnathur (Chingleput) ..	981	1,009	1,195	1,886	2,136	1,551

INDEX NUMBER OF FARM PRICES.

Item.	(1954-55 = 100)					
	1971.	1972.	1973.	1974.	1975.	1976.
Prices received by farmer ..	234	238	279	440	501	378
Prices paid by farmer ..	282	295	325	465	553	507
Index of parity	83	81	86	94	91	75

10. INDEX NUMBERS OF WAGES PAID TO CERTAIN CATEGORIES OF AGRICULTURAL LABOUR.

Category.	(1960 = 100)					
	1971.	1972.	1973.	1974.	1975.	1976.
Field Labour (Men)	218	230	240	322	405	384
Tending Cattle (Men) ..	176	187	198	239	344	336
Other Agricultural Labour (Men)	200	203	225	292	376	386

11. INDEX NUMBER OF TOTAL VALUES OF FOREIGN IMPORTS AND EXPORTS.

	(1970-71 = 100)					
	1971-72.		1972-73.	1973-74.	1974-75.	
Foreign Imports	108	96	168	191		
Foreign Exports	108	161	181	18		

12. INDEX OF EMPLOYMENT.

	(1960 = 100)					
	1971.	1972.	1973.	1974.	1975.	1976.
Persons registered	211.7	201.3	221.3	206.8	197.6	..
Number of persons on the Liv Register.	318.1	370.9	460.2	485.1	569.4	..

13. INDEX NUMBERS OF NET STATE DOMESTIC PRODUCT AT CURRENT PRICES BY INDUSTRY OF ORIGIN.

Industry group.	1970-71 = 100				
	1971-72.	1972-73.	1973-74.	1974-75.	1975-76.
1 Primary Sector (i.e.) Agriculture, Animal Husbandry, Forestry, Fishing, Mining, etc.	120.8	125.8	160.2	156.5	197.0
2 Secondary Sector (i.e.) Manufacturing Construction, Electricity, etc.	109.7	118.4	143.5	173.5	184.0
3 Tertiary Sector (i.e.) Transport and Communications, Trade, Storage and Hotels and Restaurants Banking and Insurance, Real Estate, Public Administration and other Services.	111.1	122.8	146.9	163.4	183.4
4 All Sectors—Net State Domestic Product ..	114.8	123.1	151.7	162.8	189.2
5 Per Capita—Net State Domestic Product ..	112.7	118.0	142.6	149.6	..

PART-D.



I. CLIMATE AND RAINFALL.

RAINFALL.

The rainfall during the winter season (January and February 1977) was deficient in Tamil Nadu. The rainfall was scanty in the district of Madras, Chengalpattu, South Arcot, North Arcot, Salem, Pudukkottai and the Nilgiris. The rainfall was deficient in the other districts of the State except in the districts of Tirunelveli and Kanniyakumari where it was normal. During the month of March 1977, the rainfall for the State as a whole was deficient to an extent of 46.5 per cent. There was no rain in the districts of Madras and Chengalpattu. The rainfall was scanty in the districts of Chengalpattu, South Arcot, Coimbatore and Tiruchirappalli and was deficient in the districts of Madurai, Ramanathapuram and Kanniyakumari. The rainfall was normal in the other districts of the State.

RAINFALL BY DISTRICTS.

Districts.	Winter period.					
	January 1977.		February 1977.		Total.	
	Normal.	Actual.	Normal.	Actual.	Normal.	Actual.
	(2)	(3)	(4)	(5)	(6)	(7)
	(in millimetres.)					
1 Madras	45.5	1.0	12.5	5.0	58.0	6.0
2 Chengalpattu	42.0	1.1	11.8	6.0	53.8	7.1
3 South Arcot	53.7	4.5	14.6	10.3	68.3	14.8
4 North Arcot	30.0	1.0	8.9	8.2	38.9	9.2
5 Salem	15.6	Nil.	9.2	3.0*	24.8	3.0*
6 Dharmapuri	13.5	Nil.	8.5	13.0	22.0	13.0
7 Coimbatore	17.3	Nil.	11.1	15.2	28.4	15.2
8 Tiruchirappalli	28.1	0.5	12.4	25.4*	40.5	25.9*
9 Pudukkottai	36.2	0.4	16.0	17.1	52.2	17.5
10 Thanjavur	65.7	6.4	19.1	28.3	84.8	34.7
11 Madurai	32.1	Nil.	16.6	28.3	48.7	28.3
12 Ramanathapuram	45.2	0.9	20.5	42.4*	65.7	43.3*
13 Tirunelveli	50.2	0.4	30.2	76.0	80.4	76.4
14 Nilgiris	44.9	Nil.	24.8	25.8	69.7	25.8
15 Kanniyakumari	25.5	Nil.	21.5	52.4*	47.0	52.4*
State	35.5	1.1	15.4	24.3*	50.9	25.4

Districts.	Percentage departure from normal.	March.		Percentage departure from normal.
		Normal.	Actual.	
(1)—cont.	(8)	(9)	(10)	(11)
				(in millimetres.)
1 Madras	—89.7	13.2	Nil.	—100.0
2 Chengalpattu	—86.8	13.3	Nil.*	—100.0
3 South Arcot	—78.3	15.3	0.2*	—98.7
4 North Arcot	—76.8	11.5	1.7*	—85.2
5 Salem	—87.9	11.8	10.9*	—7.6
6 Dharmapuri	—40.9	11.9	6.4	—46.2
7 Coimbatore	—46.5	18.1	2.5	—86.2
8 Tiruchirappalli	—36.0	15.1	1.9	—86.5
9 Pudukottai	—66.5	18.9	16.6	—1.8
10 Thanjavur	—59.1	20.2	14.0	—30.7
11 Madurai	—41.9	23.9	15.6*	—34.7
12 Ramanathapuram	—34.1	26.1	14.6	—44.1
13 Tirunelveli	—5.0	41.3	38.7*	—6.3
14 Nilgiris	—63.0	31.4	29.5*	—6.1
15 Kanniyakumari	+11.5	54.0	50.9	—5.7
State	—50.1	20.0	10.7*	—46.5

*Provisional.

Excess : +20 per cent and above normal.

Normal : +19 Per cent to —19 per cent of the normal.

Deficient : (—) 20 per cent to (—) 59 per cent of the normal, Scanty : —60 per cent to (—) 99 per cent of the normal

WATER-SUPPLY.

During the quarter ended March 1977, the water supply was reported to be inadequate in districts of South Arcot, North Arcot, Dharmapuri, Coimbatore, Tiruchirappalli, Pudukkottai, Madurai, Ramanathapuram and the tail-end areas of Kanniyakumari districts.

The water level in the reservoir of Redhills, Poondi, Sathanur, Willingdon, Periyar, Amaravathi, Stanley, Krishnagiri and Perumchani had been steadily decreasing during the quarter ended review. The water levels of Bhavani and Pechipparai reservoirs had also shown the same trend but for the insignificant increase in the first week of March. However, the water levels in Sholavaram reservoir which was decreasing until February had increased in March. The water level in the reservoirs of Vaigai, Papanasam and Manimuthar had increased slightly in February but declined in March.

WATER LEVELS IN SELECT RESERVOIRS.

Name of the Reservoirs.	Full depth.	(in metres.)					
		Level as on 1st January 1977.	Level as on 29th January 1977.	Level as on 5th February 1977.	Level as on 26th February 1977.	Level as on 5th March 1977.	Level as on 26th March 1977.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Redhills	14.69	14.69	14.58	14.54	14.41	14.30	13.97
Sholavaram	19.66	19.34	19.13	19.13	19.08	19.14	19.38
Poondi	42.06	42.00	41.72	41.63	41.37	41.25	40.94
Sathanur	36.27	23.97	22.89	20.85	17.79	17.07	14.51
Willingdon	8.60	8.90	1.70	1.22	1.11	1.07	Nil.
Vaigai	21.64	13.96	9.81	10.09	10.30	8.90	5.85
Periyar	14.63	5.19	5.41	4.66	2.94	2.87	2.60
Papanasam	45.11	42.56	31.47	27.90	31.37	31.23	28.35
Manimuthar	35.97	29.20	27.51	26.82	29.78	29.41	27.22
Bhavani	32.30	21.03	17.74	16.47	14.30	14.39	11.37
Amaravathi	33.53	27.93	23.77	21.66	18.58	17.05	12.91
Stanley	36.58	16.92	9.79	4.84	5.65	5.65	5.05
Krishnagiri	15.85	10.00	9.27	8.39	7.26	7.03	6.49
Pechipparai	14.63	7.72	4.33	3.20	1.15	1.34	1.04
Perumchani	23.47	15.48	8.55	7.33	5.03	2.67	N.A.

N. A. : Not Available.

II. AREA AND POPULATION.

AREA, POPULATION, DENSITY, LITERACY, ETC.

Tamil Nadu occupies the eleventh rank among the States in India in regard to size with an area of 130,059 sq.km.

As regards population, Tamil Nadu ranks fifth among the States in India. According to Census 1971, the population in Tamil Nadu is 41,199,168, of which 50.6 per cent are males and 49.4 per cent are females. 28,734,334 persons or 69.7 per cent of the population are in rural areas and the remaining 12,464,834 persons or 30.3 per cent are in urban areas.

Of the total population, 14,741,967 persons (35.8 per cent) are classified as workers and 26,457,201 persons (64.1 per cent) as non-workers. Among the workers 11,667,065 (79.1 per cent) are males and 3,074,902 (20.9 per cent) are females.

Literates form 39.5 per cent of the total population (16,256,393 persons) as against 31.4 per cent in 1961. Madras City has the highest percentage of literacy, viz. 62.01 while Dharmapuri district has the lowest percentage, viz. 22.3.

According to Census 1971, the density of population in Tamil Nadu works out to 317 per sq.km. Madras City has the highest density of population, viz. 19,293 while Dharmapuri district has the lowest density of population, viz. 174.

The population of Scheduled Castes and Scheduled Tribes in Tamil Nadu is 7,627,110 forming 18.51 per cent of the total population. 7,315,595 persons belong to scheduled castes and 311,515 persons are scheduled tribes. Chengalpattu district has the largest percentage of these two classes of people, i.e., 27.22 while Kanniyakumari district has the lowest percentage of scheduled castes and scheduled tribes, i.e. 4.12.

AREA AND POPULATION BY DISTRICTS.

District/State.	Total.	Area.		Total.	(as per Census 1911.) Population.	
		Rural.	Urban.		Rural.	Urban.
		(3)	(4)		(6)	(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Sq. Km.				
1 Madras	128.0	7,279.0	128.0	2,469,449	..	2,469,449
2 Chengalpattu	7,920.0	7,279.0	641.0	2,907,599	1,896,509	1,010,050
3 North Arcot	12,255.0	12,026.6	238.4	3,755,797	2,972,702	783,095
4 South Arcot	10,898.0	10,657.6	238.4	3,617,723	3,104,726	512,957
5 Tiruchirappalli	11,114.3	10,769.0	345.3	3,192,134	2,433,755	758,379
6 Pudukkottai	4,649.9	4,574.5	55.4	947,351	832,372	114,579
7 Tanjavur	8,261.8	7,943.6	318.2	3,553,063	2,778,375	771,688
8 Madurai	12,625.0	12,168.0	461.0	3,938,197	2,614,003	1,324,194
9 Ramanathapuram	12,573.0	12,175.9	401.1	2,860,207	2,113,545	746,662
10 Tirunelveli	11,433.0	10,673.7	759.3	3,200,515	2,171,019	1,029,496
11 Kanyakumari	1,681.0	1,641.2	42.8	1,222,549	1,018,144	204,405
12 Salem	8,643.0	8,291.9	351.1	2,992,616	2,197,234	795,382
13 Dharmapuri	9,643.0	9,575.4	67.6	1,677,775	1,533,834	143,941
14 Coimbatore	15,673.9	14,733.8	939.2	4,373,178	2,816,936	1,556,242
15 Nilgiris	2,519.0	1,642.5	906.5	494,015	250,780	243,235
State	1,30,059.0	1,24,175.5	5,893.5	41,199,168	28,734,334	12,464,834

GROWTH RATE, DENSITY, SEX RATIO AND LITERACY.

District/State.	Decennial Growth Rate.	Density per sq. km.	Number of females per 1,000 males.	[as per Census 1971.] Literacy Rate.		
				Persons.	Males.	Females.
				(5)	(6)	(7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
				Per cent.		
1 Madras	42.81	19,293	904	62.01	70.57	52.34
2 Chengalpattu	32.11	367	948	39.73	51.76	27.03
3 North Arcot	19.37	306	971	34.66	47.55	21.39
4 South Arcot	18.69	332	959	31.14	44.06	17.80
5 Tiruchirappalli	19.60	287	987	38.79	52.40	25.02
6 Pudukkottai	25.52	204	1,011	31.40	46.05	16.90
7 Tanjavur	17.75	430	994	40.30	53.55	26.06
8 Madurai	22.63	312	986	41.51	55.07	27.77
9 Ramanathapuram	18.11	227	1,042	39.74	54.72	25.29
10 Tirunelveli	17.22	280	1,042	44.83	57.13	33.02
11 Kanyakumari	22.53	725	972	58.21	64.12	52.14
12 Salem	21.07	346	963	31.71	42.68	20.33
13 Dharmapuri	25.94	174	969	22.32	31.66	12.67
14 Coimbatore	22.93	279	957	38.90	51.33	26.90
15 The Nilgiris	20.70	194	944	47.03	58.48	34.90
State	22.30	317	978	39.46	51.78	26.86

SCHEDULED CASTES AND SCHEDULED TRIBES.

(as per Census 1971)

District/State.	Scheduled castes.	Percentage to district population.	Scheduled tribes.	Per centage to district population.	Scheduled castes and Scheduled Tribes.	Percentage to district population.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1 Madras	253,119	10.49	928	0.04	260,047	10.53
2 Chengalpattu	763,991	26.28	27,189	0.94	791,180	27.22
3 North Arcot	725,885	19.33	70,727	1.88	796,612	21.21
4 South Arcot	937,894	25.92	14,105	0.39	951,999	26.31
5 Dharmapuri	227,825	13.58	30,123	1.80	257,948	15.38
6 Salem	4,03,317	16.05	94,383	3.15	5,07,700	19.20
7 Coimbatore	688,271	15.74	26,021	0.60	714,292	16.34
8 The Nilgiris	92,694	18.76	19,869	4.02	112,563	22.78
9 Madurai	587,874	14.93	6,507	0.17	594,381	15.10
10 Tiruchirappalli	530,211	18.17	14,731	0.46	544,942	18.64
11 Thanjavur	808,112	22.76	922	0.03	809,034	22.79
12 Pudukkottai	151,294	15.97	278	0.03	151,572	16.00
13 Ramanathapuram	451,616	16.67	1,056	0.03	460,672	16.11
14 Tirunelveli	504,556	15.78	1,614	0.05	506,170	15.83
15 Kanniyakumari	47,536	3.39	2,862	0.23	50,398	4.12
State	7,315,595	17.76	311,515	0.75	7,627,110	18.51

POPULATION BY CATEGORIES OF WORKERS—1971.

(as per Census 1971)

District/State.	Cultivators.	Agricultural labourers.	Livestock Forestry, Fishing Hunting and Plantation Orchards and Allied activities	Mining and quarrying.	Manufacturing, Processing, servicing and Repairs.	
(1)	(2)	(3)	(4)	(5)	In Household Industry.	Non- Household Industry.
Madras	1,051	649	8,923	223	11,171	179,486
Chengalpattu	238,776	330,254	19,389	2,183	50,230	112,792
North Arcot	510,096	416,303	17,184	4,104	94,759	92,976
South Arcot	623,705	464,411	18,255	14,185	24,622	43,967
Tiruchirappalli	502,425	330,442	11,191	3,171	39,754	97,092
Pudukkottai	187,427	64,441	3,799	908	6,339	12,618
Thanjavur	316,281	518,167	23,256	351	30,797	51,194
Madurai	4,03,324	576,238	36,325	3,805	46,406	108,319
Ramanathapuram	371,909	275,045	25,571	1,817	58,401	97,760
Tirunelveli	290,757	360,858	33,821	4,081	105,503	117,632
Kanniyakumari	58,120	126,547	27,349	632	18,857	30,516
Salem	410,654	331,347	14,540	8,982	108,393	111,900
Dharmapuri	349,768	160,727	6,200	2,319	8,202	12,467
Coimbatore	417,124	570,330	55,296	3,167	105,859	225,563
The Nilgiris	9,451	14,406	102,146	726	920	15,142
State	4,607,787	4,490,065	403,295	50,654	669,913	1,302,474
Percentage	1.26	30.46	2.74	0.34	4.54	8.83

POPULATION BY CATEGORIES OF WORKERS—1971—cont.

(as per Census 1971)

District/State.	Construction.	Trade and Commerce.	Transport storage and communication.	Other Services.	Total workers.	Non-workers.
	(8)	(9)	(10)	(11)	(12)	(13)
Madras	33,497	169,531	129,334	162,504	686,379	1,773,070
Chengalpattu	16,422	64,724	41,302	104,669	980,755	1,926,844
North Arcot	14,013	81,321	35,510	105,903	1,333,169	2,422,628
South Arcot	9,456	56,053	21,803	78,802	1,255,163	2,362,560
Tiruchirappalli	16,697	89,620	32,428	88,213	1,202,033	1,990,101
Pudukkottai	2,593	19,477	4,138	21,959	323,649	623,702
Tiranjavur	13,289	96,911	23,050	110,000	1,183,096	2,366,967
Madurai	17,535	127,827	34,123	133,036	1,453,938	2,484,259
Ramananthapuram	11,980	78,307	14,498	91,966	1,020,345	1,839,862
Tirunelveli	15,667	97,887	28,822	116,488	1,171,516	2,028,599
Kanniyakumari	9,829	26,602	9,370	42,767	350,494	872,056
Salem	19,594	68,248	33,643	75,078	1,182,279	1,810,137
Dharmapuri	4,798	25,273	7,225	33,899	610,878	1,066,897
Coimbatore	44,810	148,756	44,457	171,098	1,786,460	2,586,718
The Nilgiris	4,055	12,685	5,949	26,333	191,813	302,202
State	234,235	1,154,222	465,657	1,363,715	14,741,967	26,457,201
Percentage	1.59	7.83	3.16	9.25	100.00	..

III. AGRICULTURE.

Land Utilisation.—The total geographical area of Tamil Nadu according to village papers was 13.0 million hectares in 1975-76. Out of which, the net area sown accounted for 6.0 million hectares, the area cultivable but not cultivated showed 2.7 million hectares and the uncultivable land was 4.3 million hectares. Out of the 6.0 million hectares of the net area sown, 2.6 million hectares or about 43 per cent was irrigated. The area sown more than once was 1.2 million hectares of which 0.8 million hectares or about 65 per cent was irrigated.

Out of 2.7 million hectares of total area cultivable but not cultivated, 1.4 million hectares or 52 per cent was under current fallows and the remaining 48 per cent was under other non-cultivated lands excluding current fallows. The extent of area under uncultivable land was 4.3 million hectares comprising 2.0 million hectares (46 per cent) of forest land and 2.3 million hectares (54 per cent) of other uncultivable area including land put to non-agricultural uses.

The gross cropped area was 7.2 million hectares, out of which 3.4 million hectares or 47 per cent was irrigated.

LAND UTILISATION BY DISTRICTS—1975-76

IN HECTARES
according to village papers

District.	(1)	Total geographical area.	Uncultivable land.			Total.
			Forests.	Barren and uncultivable land.	Land put to non-agricultu- ral uses.	
		(2)	(3)	(4)	(5)	(6)
1 Madras		12,800	..	..	12,800	12,800
2 Chengalpattu		783,938	43,150	31,021	183,538	257,709
3 South Arcot		1,089,884	52,819	125,284	117,936	296,039
4 North Arcot		1,230,223	318,888	67,184	126,985	513,057
5 Salem		862,006	157,248	69,937	68,633	295,818
6 Dharmapuri		962,913	317,294	79,492	77,460	474,246
7 Coimbatore		1,573,132	388,534	19,274	131,493	539,301
8 Tiruchirappalli		1,112,690	77,974	40,528	145,910	264,412
9 Pudukkottai		466,130	25,284	10,840	128,593	164,717
10 Thanjavur		819,918	10,451	34,368	136,604	181,423
11 Madurai		1,266,396	240,473	85,233	113,225	438,931
12 Ramanathapuram		1,250,275	47,831	19,580	231,690	299,101
13 Tirunelveli		1,141,623	132,676	40,119	153,561	326,356
14 The Nilgiris		254,464	108,831	33,814	11,790	154,435
15 Kanniyakumari		167,186	50,539	7,486	19,786	77,811
State		12,998,978	1,971,992	664,160	1,660,004	4,296,156

District.	(1)	Area cultivable but not cultivated.					Total.
		Cultivable waste.	Permanent pastures and other grazing lands.	Land under miscellaneous tree crops and groves not included in the net area sown.	Current fallow.	Other fallow lands.	
		(7)	(8)	(9)	(10)	(11)	(12)
1 Madras
2 Chengalpattu		21,759	33,966	27,717	93,463	16,367	193,272
3 South Arcot		62,776	10,994	47,415	91,877	40,082	253,144
4 North Arcot		31,400	9,376	10,119	86,284	43,163	180,342
5 Salem		26,569	14,090	5,085	72,260	27,194	145,198
6 Dharmapuri		10,312	11,370	5,426	28,958	8,945	65,051
7 Coimbatore		6,926	9,229	12,885	265,997	39,809	334,846
8 Tiruchirappalli		45,529	40,693	16,997	133,498	32,301	269,018
9 Pudukkottai		18,590	4,411	7,557	51,246	22,149	104,353
10 Thanjavur		20,247	4,101	20,193	20,114	22,525	87,680
11 Madurai		25,917	11,757	15,680	162,263	36,438	252,055
12 Ramanathapuram		40,952	3,100	5,044	199,124	98,267	346,487
13 Tirunelveli		56,915	22,214	22,597	204,976	130,556	437,258
14 The Nilgiris		16,508	8,792	7,489	4,555	3,736	41,080
15 Kanniyakumari		748	224	2,185	400	253	3,810
State		385,148	184,317	206,789	1,415,555	521,785	2,713,594

LAND UTILISATION BY DISTRICTS—1975—76—cont.

IN HECTARES.

according to village papers.

Net area sown.

<i>District.</i>	<i>Irrigated.</i>			<i>Un-irrigated</i>			<i>Total.</i>		
	(13)	(14)	(15)	(13)	(14)	(15)	(13)	(14)	(15)
1 Madras .. .. .	..	..	..	..	..	..	..	..	..
2 Chengalpattu	243,069	95,888	338,957	243,069	95,888	338,957	243,069	95,888	338,957
3 South Arcot	286,920	253,781	540,701	286,920	253,781	540,701	286,920	253,781	540,701
4 North Arcot	258,691	278,133	536,824	258,691	278,133	536,824	258,691	278,133	536,824
5 Salem	115,263	305,727	420,990	115,263	305,727	420,990	115,263	305,727	420,990
6 Dharmapuri	65,618	357,998	423,616	65,618	357,998	423,616	65,618	357,998	423,616
7 Coimbatore	290,914	408,071	698,985	290,914	408,071	698,985	290,914	408,071	698,985
8 Tiruchirappalli	166,638	412,022	578,660	166,638	412,022	578,660	166,638	412,022	578,660
9 Pudukottai	98,665	98,395	197,060	98,665	98,395	197,060	98,665	98,395	197,060
10 Thanjavur	474,126	76,689	550,815	474,126	76,689	550,815	474,126	76,689	550,815
11 Madurai	193,900	381,510	575,410	193,900	381,510	575,410	193,900	381,510	575,410
12 Ramanathapuram	216,213	388,474	604,687	216,213	388,474	604,687	216,213	388,474	604,687
13 Tirunelveli	126,217	251,792	378,009	126,217	251,792	378,009	126,217	251,792	378,009
14 The Nilgiris	95	58,854	58,949	95	58,854	58,949	95	58,854	58,949
15 Kanniyakumari	28,690	56,875	85,565	28,690	56,875	85,565	28,690	56,875	85,565
State	2,565,019	3,424,209	5,989,228	2,565,019	3,424,209	5,989,228	2,565,019	3,424,209	5,989,228

<i>District.</i>	<i>Area sown more than once.</i>			<i>Gross cropped area.</i>		
	<i>Irrigated.</i>	<i>Un-irrigated.</i>	<i>Total.</i>	<i>Irrigated.</i>	<i>Un-irrigated.</i>	<i>Total.</i>
	(16)	(17)	(18)	(19)	(20)	(21)
1 Madras .. .. .	..	..	..	..	..	..
2 Chengalpattu	109,688	22,461	132,149	352,757	118,349	471,106
3 South Arcot	105,065	48,751	153,816	391,985	302,532	694,517
4 North Arcot	78,775	55,047	133,822	337,466	333,180	670,646
5 Salem	33,728	24,778	58,506	148,991	330,505	479,496
6 Dharmapuri	20,762	25,746	46,508	86,380	383,744	470,124
7 Coimbatore	67,530	50,650	118,180	358,444	458,721	817,165
8 Tiruchirappalli	59,848	19,520	79,368	226,486	431,542	658,028
9 Pudukottai	16,716	1,730	18,446	115,381	100,125	215,606
10 Thanjavur	165,684	159,876	325,560	639,810	236,565	876,375
11 Madurai	57,715	4,823	62,538	251,615	386,333	637,948
12 Ramanathapuram	12,163	1,686	13,849	228,376	390,160	618,536
13 Tirunelveli	56,882	15,029	71,911	182,099	266,821	449,920
14 The Nilgiris .. .. .	..	1,194	1,194	95	60,048	60,143
15 Kanniyakumari	26,734	3,426	30,160	55,424	60,301	115,725
State	811,290	434,717	1,246,007	3,376,309	3,858,926	7,235,235

Irrigation.—Out of 6.0 million hectares of net area sown in 1975–76, 2.6 million hectares or 43 per cent was irrigated. The proportion of net area irrigated to the net area sown was above 50 per cent in the deltaic district of Thanjavur, being 86.1 per cent. In the non-deltaic districts of Chengalpattu, South Arcot and Pudukkottai, the percentages are 71.7 per cent, 53.1 per cent and 53.1 per cent respectively. The figure was less than 50 per cent in other districts of the State as indicated below :—

<i>District.</i>	<i>Percentage of net area irrigated to the net area sown.</i>
(1)	(2)
1 North Arcot	48.2
2 Coimbatore	41.6
3 Ramanathapuram	35.8
4 Madurai	33.7
5 Kanniyakumari	33.5
6 Tirunelveli	33.4
7 Tiruchirappalli	28.8
8 Salem	27.4
9 Dharmapuri	15.5
10 The Nilgiris	0.2

The different sources of irrigation and the per centages of area irrigated by each to the total area irrigated are shown below :—

<i>Source of irrigation.</i>	<i>Percentage of area irrigated to the total net area irrigated.</i>
(1)	(2)
1 Government canals	35.5
2 Wells (Tube wells and ordinary wells)	33.9
3 Tanks	29.2
4 Other sources including private canals.	1.4

Government Canals and tanks.—Government canals were the principal source of irrigation in the district of Thanjavur (97.4 per cent) Kanniyakumari (56.8 per cent), Tiruchirappalli (48.4 per cent) and Coimbatore (47.9 per cent). The districts in which tank irrigation was the important source are given below together with the percentage of area irrigated :—

<i>District.</i>	<i>Percentage of area irrigated from tanks to the total net area irrigated in the district.</i>
(1)	(2)
1 Ramanathapuram	82.2
2 Pudukkottai	78.5
3 Chengalpattu	63.4
4 Kanniyakumari	39.1
5 North Arcot	38.0
6 Tirunelveli	36.6
7 South Arcot	27.1

Wells and other sources.—Wells including tube wells were the Chief source of irrigation in Salem, Dharmapuri, North Arcot, Coimbatore, Tirunelveli, Madurai, Tiruchirappalli and South Arcot districts accounting for 76.8 per cent, 59.5 per cent, 53.0 per cent, 50.0 per cent, 46.6 per cent, 46.1 per cent, 35.0 per cent, and 27.0 per cent respectively.

Net area irrigated by springs, channels and kasams was negligible in the Nilgiris district.

Wells supplementing other irrigation sources.—Wells supplementing other irrigation sources served fairly large areas in North Arcot, Chengalpattu and South Arcot districts, their percentages to the total net area irrigated in the districts being 10.9, 10.0 and 8.3 respectively.

Crops irrigated.—The area of crops irrigated in the State was 3.4 million hectares. It was more than 50 per cent of the gross area sown under all crops in the district of Chengalpattu and Thanjavur, the percentages being 74.9 and 73.0 respectively. It was less than 25 per cent of gross area sown in the districts of Dharmapuri (18.4 per cent) and the Nilgiris (0.2 per cent).

Of the total area of crops irrigated, 81.5 per cent was under cereals and pulses, 3.8 per cent under sugarcane, 5.2 per cent under oilseeds (groundnut, gingelly and castor) 2.1 per cent under cotton and the remaining 7.4 per cent under other crops.

The area irrigated more than once was 0.8 million hectares.

AREA IRRIGATED BY SOURCES/CROPS—1975-76

(IN HECTARES.)

District.	Net area irrigated by.				
	Government canals and private canals.	Tanks.	Wells including tube wells.	Other sources.	Total net area irrigated.
(1)	(2)	(3)	(4)	(5)	(6)
1 Madras .. .. .	..	..	..	..	..
2 Chengalpattu	9,027	154,232	71,107	8,703	243,069
3 South Arcot	75,501	77,816	122,033	11,570	286,920
4 North Arcot	19,365	98,313	138,389	2,624	258,691
5 Salem	16,416	8,225	88,512	2,110	115,263
6 Dharmapuri	7,072	17,971	39,036	1,539	65,618
7 Coimbatore	139,975	4,365	145,377	1,197	290,914
8 Tiruchirappalli	80,579	22,581	60,292	3,186	166,638
9 Pudukkottai	10,427	77,449	10,602	187	98,665
10 Thanjavur	461,642	3,735	6,822	1,927	474,126
11 Madurai	53,042	49,535	89,770	1,553	193,900
12 Ramanathapuram	322	177,772	38,006	113	216,213
13 Tirunelveli	20,722	46,133	59,128	184	126,217
14 The Nilgiris .. .. .	..	..	..	95	95
15 Kanniyakumari	16,301	11,701	323	365	28,690
State ..	910,441	749,828	869,397	35,353	2,565,019

AREA IRRIGATED BY SOURCES/CROPS—1975-76

(IN HECTARES).

<i>District.</i>	<i>Paddy.</i>	<i>Wheat.</i>	<i>Other cereals and pulses.</i>	<i>Sugarcane.</i>	<i>Cotton.</i>	<i>Oilseeds.</i>	<i>Others.</i>	<i>Total.</i>
(1)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1 Madras .. ..	..	..	..	..	..	..	..	..
2 Chengalpattu ..	299,121	..	21,370	2,697	2	22,267	7,300	352,757
3 South Arcot ..	280,287	..	30,198	21,467	2,484	46,318	10,821	391,985
4 North Arcot.. ..	236,153	15	32,231	27,992	45	30,481	10,549	337,466
5 Salem	61,849	..	36,290	9,218	4,057	10,920	27,557	148,991
6 Dharmapuri	48,857	25	13,754	8,325	1,568	6,258	7,593	86,380
7 Coimbatore	125,866	93	85,281	30,515	37,495	40,849	38,345	358,444
8 Tiruchirappalli ..	144,913	..	29,215	9,010	1,022	12,311	30,015	226,486
9 Pudukkottai	101,896	..	5,483	323	149	5,229	2,301	115,381
10 Thanjavur	607,490	..	4,427	6,161	65	12,493	9,184	639,810
11 Madurai	145,404	68	48,513	6,474	13,535	11,116	26,505	251,615
12 Ramanathapuram ..	163,193	..	27,390	4,638	5,549	5,340	22,266	228,376
13 Tirunelveli	110,930	..	31,513	1,002	5,728	5,247	28,679	183,099
14 The Nilgiris	11	..	..	..	..	..	84	95
15 Kanniyakumari ..	52,901	..	10	1	..	475	2,037	55,424
State	2,378,871	201	365,675	127,823	72,099	208,404	223,236	3,376,309

INDEX NUMBERS OF AGRICULTURAL ECONOMY

(Triennium ended 1961-62=100)

The index number of area under crops like has registered an increase of 13.6 points from 93.0 in 1974-75 to 106.6 in 1975-76.*

The index of yield showed an increase of 25.0 points from 102.9 in 1974-75 to 127.9 in 1975-76

The index of agricultural production showed an increase of 43.1 points from 113.0 in 1974-75 to 156.1 in 1975-76.

The index of cropping pattern decreased by 3.6 points from 118.0 in 1974-75 to 114.4 in 1975-76.

The index number of cropping intensity showed an increase of 14.7 points from 100.8 in 1974-75 to 115.5 in 1975-76.

The index number of productivity recorded an increase of 46.7 points from 122.4 in 1974-75 to 169.1 in 1975-76.

*The index numbers for 1975-76 are provisional.

INDEX NUMBERS OF AGRICULTURAL ECONOMY

(TRIENNIMUM ENDED 1961-62=100)

Commodity.	Index of area under crops.		Index of yield.		Index of Agri- cultural production.		Index of crop- ing pattern.		
	1974-75	1975-76*	1974-75	1975-76*	1974-75	1975-76*	1974-75	1975-76*	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
FOOD GROUP :—									
Total cereals	84.8	98.1	104.0	143.1	91.6	148.5	103.8	105.7	
Total pulses	119.5	155.0	89.4	99.5	125.3	186.0	117.3	120.6	
Total food group	87.3	102.2	103.7	142.0	92.1	149.0	101.7	102.7	
NON-FOOD GROUP :—									
Total oilseeds	98.7	108.3	75.2	93.5	105.7	140.9	142.5	139.1	
Fibre	62.7	65.6	109.9	147.7	68.7	96.7	99.7	99.8	
Total plantation crops	131.3	131.3	161.1	161.1	221.2	221.2	104.6	104.6	
Condiments and spices	95.4	114.2	99.1	104.2	95.6	120.5	101.2	101.3	
Total Fruits and Vegetables	155.7	173.5	132.7	131.2	183.3	188.7	88.7	82.8	
Total Miscellaneous crops	185.2	185.4	110.3	126.3	212.6	241.5	104.1	103.1	
Total Non-food group	108.5	118.5	102.3	114.6	140.4	165.3	126.4	121.7	
GENERAL	93.0	106.6	102.9	127.9	113.0	156.1	118.0	114.4	
					1974-75	1975-76*			
Index of net area sown					92.3	92.3			
Index of cropping intensity					100.8	115.5			
Index of productivity per hectare					122.4	169.1			

(*) : Provisional.

WAGES PAID TO CERTAIN CATEGORIES OF AGRICULTURAL LABOUR

The index numbers of wages paid to the agricultural labourers (1960=100) during the quarter ended March 1977 showed an upward trend over the previous quarter in the case of non-adults under 'Field labourers' and men, women and non-adults under 'Tending cattle'. In the case of women under 'Field labourers' and men, women and non-adults under 'Other agricultural labourers' the index numbers decreased. The index number of wages paid to men under 'Filed labourers' remained unchanged. The increase ranged from 1 point to 7 points whereas the decrease ranged from 2 points to 10 points.

**INDEX NUMBERS OF WAGES PAID TO CERTAIN CATEGORIES OF
AGRICULTURAL LABOUR.**

(1960=100).

Period.	Field labourers.			Tending cattle.			Other agricultural labourers.		
	Men.	Women.	Non-adults.	Men.	Women.	Non-adults.	Men.	Women.	Non-adults.
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1971	218	214	251	176	170	213	200	175	218
1972	230	220	253	187	197	222	203	180	230
1973	240	226	260	198	200	232	225	198	253
1974	322	296	341	239	236	281	292	259	326
1975	405	391	418	344	345	361	376	338	377
1976	384	381	406	336	336	359	386	346	394
1976—									
April	387	367	388	329	361	344	368	330	364
May	385	378	404	334	391	352	387	334	381
June	385	379	409	333	391	356	398	338	391
July	385	380	407	359	342	362	396	352	428
August	378	381	398	376	316	384	396	366	409
September	376	380	409	361	316	377	395	364	412
October	382	391	421	356	297	369	398	368	420
November	392	408	415	335	292	346	402	364	414
1976—									
December	384	399	414	331	305	351	399	352	407
1977 —									
January	380	395	410	345	305	352	391	348	404
February	387	397	431	341	305	357	393	346	413
March	391	399	419	356	305	359	402	360	399

IV CROP PROSPECTS.

During the quarter ended March 1977, rainfall was nil or negligible in all the districts of the State. The beneficial effect on North East Monsoon in the current year was deficient in most of the districts of the State.

As compared to the previous year, there was a decrease of 12.6 per cent in the area under paddy which is the principal crop in the State.

Harvests of various food and non-food crops were in progress in many parts of the State.

Harvests of paddy, groundnut and ragi crops in many parts of Salem and Coimbatore districts were in progress.

Tobacco was being harvested in Gobichettipalayam taluk of Coimbatore district.

Harvest of samba paddy was in progress in Tiruchirappalli and Lalgudi taluks of Tiruchirappalli district.

Harvest of paddy, sugarcane and other crops was done in parts of Ramanathapuram district, harvest of paddy was in full swing in Tambaraparani Delta of Tirunelveli district. Results of harvests were normal in most parts of the State.

Paddy, Cholam, Cumbu, ragi, small millets, pulses, groundnut, sugarcane, cotton, tobacco, banana were some of the standing crops in the State. The condition of the standing crops were precarious in some parts of the State due to the scarcity of water.

Standing crops like paddy, millets and other pulses were reported to be withering for want of water in some parts of South Arcot, Salem, Coimbatore, Pudukkottai and Ramanathapuram districts.

Most of the standing crops would be ready for harvest by the end of April and only normal outturn is expected in the Rabi Season.

Pest attack on tobacco crop in part of Coimbatore district and 'Bunch Top' disease on Banana crop in Kodaikanal region of Madurai district were some of the handicaps exposed to the steady growth of the crops. While remedial measures were reported to have been taken for the former case by the Agriculture Department, special scheme of eradication of the disease in the latter case was in operation.

In certain villages of Virudhachalam taluk of South Arcot district, paddy crop was withering due to inadequate water-supply. The standing crops in Melur, Dindigul and Veda sandur of Madurai district, taluks were withering. Crops like paddy, gingelly, pulses and groundnut were withering in parts of Karaikudi, Sivagangai, Paramakudi and Arumukottai taluks of Ramanatha-



SUMMARY OF FORECAST REPORTS ON CERTAIN CROPS—*con*

Name of the crop.	Name of the report.	Area.		Percentage variation of current year's crop as compared with previous year's crop.
		Of current year's crop.	Of previous years crop.	
(1)	(2)	In Hectares. (3)	(4)	(5)
9 Horsegram	First and final forecast report, 1976-77.	174,500	167,930	+3.9
10 Paddy	Second forecast report, 1976-77	1,718,000	1,931,000	-11.0
11 Chola	Do. ..	658,400	624,300	+5.5
12 Cumbu	Do. ..	372,500	383,800	-2.9
13 Ragi	Do. ..	258,700	274,000	-5.6
14 Korra	Do. ..	15,100	13,100	+15.3
15 Varagu	Do. ..	163,100	158,500	+2.9
16 Samai	Do. ..	134,600	134,000	+0.4
17 Redgram	Do. ..	66,450	59,240	+12.2
18 Pepper	Do. ..	210	190	+10.5
19 Ginger	Do. ..	720	620	+16.1
20 Gingelly	Third forecast report, 1976-77 ..	73,270	70,000	+4.7
21 Groundnut	Do. ..	907,000	866,200	+4.7
22 Sugarcane	Do. ..	96,500	94,200	+2.4
23 Cotton	Do. ..	149,850	143,200	+4.6
24 Paddy	Do. ..	2,350,000	2,689,000	-12.6
25 Cotton	Fourth forecast report, 1976-77 ..	195,450	191,400	+2.1
26 Other pulses	Adhee estimate, 1976-77 ..	47,350	44,720	+5.9
27 Sun-hemp	Do. ..	480	440	+9.1

Name of the crop.	Production.		Percentage variation of current year's production as compared with the previous year's crop.	Remarks.
	Of current year's crop.	Of previous year's crop.		
	Tonnes.			
	(6)	(7)	(8)	(9)
9 Horsegram	40,590	38,800	+4.6	In terms of husked gram.
10 Paddy	3,356,000	4,320,000	-22.3	
11 Chola	561,900	509,900	+10.2	
12 Cumbu	262,900	267,400	-1.7	
13 Ragi	378,600	371,100	+2.0	
14 Korra	9,500	9,100	+4.4	Production framed only for kharif crop.
15 Varagu	160,100	156,400	+2.4	Do.
16 Samai	53,900	52,200	+3.3	Do.
17 Redgram	25,540	22,220	+14.9	In terms of husked gram.
18 Pepper	40	40	..	
19 Ginger	640	550	+16.4	
20 Gingelly	22,210	21,080	+5.4	
21 Groundnut	685,140	909,150	-24.6	
22 Sugarcane	736,280	703,530	+4.7	In terms of gur.
23 Cotton	186,780	170,910	+9.3	Production in bales of 170 kg. lint.
24 Paddy	5,002,000	5,867,000	-14.7	
25 Cotton	242,110	215,160	+12.5	Production in bales of 170 kg. lint.
26 Other pulses	9,190	8,450	+8.8	
27 Sun-hemp	320	290	+10.3	

V. INDUSTRIES.

ANNUAL SURVEY OF INDUSTRIES.

The Annual Survey of Industries is conducted under the Collection of Statistics Act, 1953 every year.

The factories registered under Section 2 (m) (i) and 2 (m) (ii) of the Factories Act, 1948 are covered by the Annual Survey of Industries. The Survey is conducted in two parts, viz., Census and Non-Census. Under the Census sector, all factories using power and employing 50 or more workers and employing 100 or more workers, not using power are covered. The Non-Census sector comprise of all factories, employing 10 to 49 workers and using power and employing 20 to 99 workers without the aid of power.

The survey excludes from its purview, the units engaged in defence production, storage and distribution of oil, restaurants and services, technical institutions not producing anything for sale or exchange for reasons of security or for their non-manufacturing activity.

The Annual Survey of Industries, 1974-75 has covered 6,664 factories as against 6,458 factories during 1973-74. The productive capital, invested in various manufacturing industries during 1974-75, is Rs. 1,583.10 crores showing an increase of 9.8 per cent by the corresponding productive capital for 1973-74.

The number of employees during 1973-74 increased by 6.5 per cent over 1973-74. The salaries and wages paid to employees also increased by 26.7 per cent over 1973-74. The value of output and the value added by manufacture during 1974-75, showed an increase of 42.1 and 31.1 respectively over 1973-74.

In short, there was a general progress and considerable improvement in the industrial sector of the economy in Tamil Nadu during 1974-75.

RESULTS OF ANNUAL SURVEY OF INDUSTRIES 1974-75—FACTORY SECTOR.

PROVISIONAL.

<i>National Industrial Classification.</i>	<i>Units.</i>	<i>Fixed Capital.</i> Rupees in Lakhs.	<i>Working Capital.</i> Rupees in Lakhs.	<i>Productive Capital.</i> Rupees in Lakhs.	<i>Workers numbers.</i>	<i>Wages</i> Rupees in Lakhs.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. Major Group 20—21						
Manufacture of Food Products.	18,62	57,03	35,61	92,64	76,665	9,25
2. Major Group 22.						
Manufacture of Beverages, Tobacco and Tobacco Products.	112	4,57	1,35	5,92	3,306	57
3. Major Group 23.						
Manufacture of Cotton Textiles.	713	79,70	1,18,02	1,97,72	11,10,22	48,80
4. Major Group 24 and 25.						
Manufacture of Wool, Silk and Synthetic Fibre Textiles and manufacture of Jute, Hemp and Mesta Textiles.	190	12,34	7,75	20,09	7,991	3,11
5. Major Group 26.						
Manufacture of Textiles Products including wearing apparel other than foot-wear.	283	2,63	4,40	7,03	7,879	1,19
6. Major Group 27.						
Manufacture of Wood and Wood Products, furniture and fixtures.	151	1,04	2,89	3,93	4,018	66
7. Major Group 28.						
Manufacture of Paper and Paper products and printing, publishing and allied industries.	582	32,05	16,19	48,24	20,698	7,44

RESULTS OF ANNUAL SURVEY OF INDUSTRIES 1974-75—FACTORY SECTOR—cont.

PROVISIONAL—cont.

<i>National Industrial Classification.</i>	<i>Units.</i>	<i>Fixed Capital.</i> <i>Rupees in Lakhs.</i>	<i>Working Capital.</i> <i>Rupees in Lakhs.</i>	<i>Productive Capital.</i> <i>Rupees in Lakhs.</i>	<i>Workers (Number).</i>	<i>Wages</i> <i>Rupees in Lakhs.</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)
8. Major Group 29. Manufacture of Leather and Leather products.	295	7,82	6,90	14,72	11,953	2,89
9. Major Group 30. Manufacture of rubber, plastic, petroleum and coal products.	160	58,40	32,99	91,39	9,961	5,40
10. Major Group 31. Manufacture of Chemical and Chemical products.	417	98,84	89,44	1,88,28	37,108	1,052
11. Major Group 32. Manufacture of non-metallic mineral products.	140	35,88	12,45	48,33	13,854	4,92
12. Major Group 33. Basic Metal and alloys industries.	313	34,24	19,38	53,62	17,965	6,25
13. Major Group 34. Manufacture of Metal products and parts except machinery and transport equipment.	255	6,70	22,83	29,53	9,221	3,50
14. Major Group 35. Manufacture of Machinery, machine tools and parts, except electrical machinery.	380	55,76	69,82	1,25,58	27,122	13,90
15. Major Group 36. Manufacture of Electrical machinery apparatus appliances and supplies and parts.	178	16,06	17,38	33,44	13,698	6,22
6. Major Group 37. Manufacture of Transport equipment and parts.	146	50,54	74,58	1,25,12	42,360	25,07
17. Major Group 38. Other Manufacturing Industries.	57	6,24	3,09	9,33	3,422	1,01
18. Major Group 40. Electricity	28	4,30,17	40,48	4,70,65	51,615	21,33
19. Major Group 41. Gas and Steam	4	6	10	16	63	3
20. Major Group 42. Water works and supply ..	7	1,07	2	1,09	1,85	6
21. Major Group 91. Sanitary Services	15	7	10	17	237	9
22. Major Group 95. Recreational and cultural services.	24	1,50	27	1,23	1,605	41
23. Major Group 96. Personal Services	16	15	..	1	362	8
24. Major Group 97. Repair Services	336	7,43	7,31	14,74	14,884	5,87
ALL GROUPS ..	6,664	10,00,29	5,82,81	15,83,10	4,87,199	1,78,57

RESULTS OF ANNUAL SURVEY OF INDUSTRIES, 1974-75—FACTORY SECTOR.

PROVISIONAL—cont.

<i>National Industrial Classification.</i>	<i>Units.</i>	<i>Employees number.</i>	<i>Emolu- ments.</i>	<i>Out-put.</i>	<i>Input.</i>	<i>Depreci- ation.</i>	<i>Value added by manu- facture.</i>
(1)	(2)	(8)	(9)	(10)	(11)	(12)	(13)
(Rupees in Lakhs.)							
1. Major Group 20-21							
Manufacture of Food Products	1,862	90,504	16,28	3,32,93	2,94,24	5,97	32,72
2. Major Group 22							
Manufacture of Beverages, Tobacco and Tobacco Products.	112	4,321	1,09	16,61	14,09	41	2,11
3. Major Group 23							
Manufacture of Cotton Tex- tiles.	713	1,23,455	64,14	4,63,17	3,58,27	12,09	92,81
4. Major Groups 24 and 25							
Manufacture of Wool, Silk and Synthetic Fibre Textiles and manufacture of Jute, Hemp and Mesta Textiles.	190	8,956	4,39	46,64	36,58	1,40	8,26
5. Major Group 26							
Manufacture of Textiles Pro- ducts, including wearing apparel other than foot- wear.	283	8,986	1,02	24,00	21,45	29	2,86
6. Major Group 27							
Manufacture of Wood and Wood Products, furniture and fixtures.	151	9,642	14	6,38	4,53	8	1,77
7. Major Group 28							
Manufacture of Paper and Paper products and printing publishing and allied indus- tries.	582	25,927	11,80	88,27	57,23	3,89	27,15
8. Major Group 29							
Manufacture of Leather and Leather products.	295	13,739	4,02	1,08,26	98,46	86	8,94
9. Major Group 30							
Manufacture of rubber, plastic, petroleum and coal products	160	13,010	10,75	2,74,74	1,12,94	8,01	53,79
10. Major Group 31							
Manufacture of Chemical and Chemical products	417	43,576	18,26	2,62,66	1,92,98	14,13	55,56
11. Major Group 32							
Manufacture of non-metallic mineral products.	140	17,403	8,27	76,81	58,95	3,62	14,54
12. Major Group 33							
Basic Metal and alloys indus- tries.	313	23,025	10,40	1,05,32	81,63	3,19	20,50

RESULTS OF ANNUAL SURVEY OF INDUSTRIES, 1974-75.—FACTORY SECTOR—cont.

PROVISIONAL—cont.

National Industrial Classification.	Units.	Employees	Emolu-	Out-put.	In-put.	Depreci-	Value
		(numbers)	ments.	(Rupees in Lakhs)		ation.	added by
(1)	(2)	(8)	(9)	(10)	(11)	(12)	(13)
13. Major Group 34							
Manufacture of Metal products and parts except machinery and transport equipment.	255	11,525	5,51	49,76	36,48	1,14	12,14
14. Major Group 35							
Manufacture of machinery machine tools and parts, except electrical machinery.	380	38,412	27,07	2,53,80	1,61,69	8,02	84,09
15. Major Group 36							
Manufacture of Electrical Machinery apparatus, appliances and supplies and parts.	178	17,710	10,94	79,32	54,34	1,93	23,05
16. Major Group 37							
Manufacture of Transport equipment and parts.	146	56,178	39,30	2,27,61	1,50,42	6,69	70,50
17. Major Group 38							
Other Manufacturing Industries.	57	4,593	2,06	8,27	5,56	47	2,24
18. Major Group 40							
Electricity	28	69,092	29,01	1,27,60	68,87	16,16	42,57
19. Major Group 41							
Gas and Steam	4	92	6	69	84	1	16
20. Major Group 42							
Water works and supply ..	7	244	9	74	58	6	10
21. Major Group 91							
Sanitary Services .. .	15	288	12	22	15	1	6
22. Major Group 95							
Recreational and cultural services.	24	1,970	67	2,55	1,41	14	1,00
23. Major Group 96							
Personal Services	16	376	10	29	18	1	10
24. Major Group 97							
Repair Services	336	19,435	9,25	40,99	31,48	61	8,90
ALL GROUPS	6,664	6,02,459	2,76,18	25,98,23	19,43,75	89,19	5,65,29

INDUSTRIAL PRODUCTION.

The Index of Industrial production in Tamil Nadu increased from 132.2 points in September 1976 to 149.1 points in December 1976 recording an increase of 16.9 points or 12.8 per cent.

A significant increase in the output of Sugar (Refined) (437.2 per cent), Tea (Processed) (40.3 per cent), Ammonia (65.6 per cent), Urea (55.5 per cent), Pesticides (69.8 per cent), Diesel Engines (80.7 per cent), Power Driven Pumps (38.1 per cent) and Railway wagons (37.2 per cent) was recorded during the period under review.

The industries which showed a declining trend in production during the quarter ended December 1976 were Gypsum (68.9 per cent), Refined oil (46.2 per cent) Coffee cured (85.7 per cent), printing paper (20.0 per cent), Tubes (all types) (37.2 per cent) Coated Abrasives (31.3 per cent), Bonded Abrasives (22.3 per cent) and Transformers (47.2 per cent).

INDUSTRIAL PRODUCTION BY PRODUCTS.

Product.	Unit.	Production.			
		July 1976 R.	August 1976 *	September 1976 *	Total.
(1)	(2)	(3)	(4)	(5)	(6)
MINING.					
1 Lignite	tonne.	4,03,000	3,37,869	2,77,544	10,18,413
2 Bauxite	tonne.	5,671	6,017	6,139	17,827
3 Limestone	tonne.	4,34,000	3,93,521	3,54,103	11,81,624
4 Magnesite	tonne.	23,990	23,910	20,581	68,481
5 Gypsum	tonne.	9,802	8,255	11,009	28,446
MANUFACTURING.					
6 Sugar (Refined)	tonne.	4,628	3,773	1,651	10,052
7 Hydrogenated Oil	tonne.	567	560	578	1,705
8 Refined Oil	tonne.	250	211	9	470
9 Tea (Processed)	tonne.	4,122	3,792**	3,254†	11,168
10 Coffee (Cured)	tonne.	883	606	581	2,070
11 Cotton Yarn	tonne.	16,203	15,023	14,794	46,020
12 Cotton Woven piece-goods	000' metres.	15,035	13,586	14,153	42,774
13 Printing Paper	tonne.	2,506	2,352	2,401	7,259
14 Tyres (All types)	number.	7,11,954	6,14,029	5,33,202	18,59,185
15 Tubes (All types)	number.	5,45,271	4,23,879	7,21,090	16,90,240
16 Superior Kerosene	tonne.	33,056	31,421	36,142	1,00,619
17 High Speed Diesel Oil	tonne.	45,659	56,155	34,691	1,36,505
18 Ammonia	tonne.	21,478	27,935	17,801	67,214
19 Caustic Soda	tonne.	8,790	4,573	5,107	18,470
20 Urea	tonne.	41,306	47,231	36,460	1,24,997
21 Super Phosphate	tonne.	10,466	10,253	12,607	33,326
22 Mixed Fertilizer	tonne.	29,887	35,089	26,298	91,274
23 Pesticides	tonne.	440	343	430	1,213
24 Paints and Enamels	Kilogram.	3,18,041	2,82,227	2,94,122	8,94,390
25 Varnishes	litre.	15,375	35,984	22,961	74,320
26 Safety Matches	gross boxes.	56,31,951	46,64,547	49,31,009	1,52,27,507
27 Refractories	tonne.	11,496	13,723	12,839	38,058
28 Cement	tonne.	2,73,179	2,30,476	2,47,050	7,50,705
29 Asbestos Cement Products	tonne.	5,465	6,085	5,878	17,428
30 Coated Abrasives	reams.	6,383	5,324	8,202	19,909
31 Bonded Abrasives	tonne.	316	352	262	930

* Provisional.

R-Revised.

** Relates to June 1976.

† relates to August 1976 .

INDUSTRIAL PRODUCTION BY PRODUCTS—cont.

Product.	Unit.	Production.			
		July 1976 R.	August 1976 *	September 1976 *	Total.
(1)	(2)	(3)	(4)	(5)	(6)
MANUFACTURING—cont.					
32 Iron and Steel (Metal)	tonne.	9,954	8,524	7,188	25,666
Castings (Iron and Steel)	tonne.	3,122	3,087	3,191	9,400
34 Non-Ferrous (Metal)	tonne.	2,264	1,829	1,462	5,555
35 Metal Container Caps and Closures.	number.	395	363	403	1,161
6 Tractors	number.	405	415	503	1,323
37 Earth Moving Machinery	number.	17	16	14	47
38 High Pressure Boilers and Fittings. ..	tonne.	5,109	5,229	5,317	15,655
39 Diesel Engine	number.	2,036	1,273	3,023	6,332
40 Frames	number.	81	95	83	259
41 Power Driven Pumps	number.	9,238	9,503	9,944	28,685
42 Type-writers	number.	706	772	964	2,442
43 Transformers	KVA	41,400	1,56,400	1,22,228	3,20,028
44 Electric Motors	number.	8,005	7,382	8,451	23,838
45 Dry Cells	number.	79,11,000	91,72,265	85,31,000	2,53,14,265
46 Railway Coaches	number.	44	44@@	55	143
7 Railway Wagons	number.	55	16@	43	94
48 Completed Motor Vehicles	number.	164	160	152	476
49 Motor Vehicles Chassis	number.	934	731	1,014	2,679
50 Body Building	number.	79	57	68	204
51 Motor-Cycles	number.	1,586	1,620	1,603	4,809
52 Bicycles	number.	29,449	30,336	23,330	83,115
53 Synthetic Gem Stones	Kilogram.	1,638	948	1,528	4,114
ELECTRICITY.					
54 Electricity Generated £	Million kwh	717-513	588-384	592-436	1,898-333

@@ Relates to July 1976,

@ Relates to June 1976.

* —Provisional.

R—Revised

£ Includes Electricity generated from Neyveli Lignite Mines.

INDUSTRIAL PRODUCTION BY PRODUCTS—cont.

Product.	Unit.	Production—cont.				Percentage of increase (+) or decrease (—) over previous quarter.
		October 1976 *	November 1976 *	December 1976 *	Total.	
		(7)	(8)	(9)	(10)	(11)
MINING.						
1 Lignite	tonne.	3,02,784	2,79,251	3,59,976	9,42,011	—7.3
2 Bauxite	tonne.	6,814	6,251	6,298	19,363	+8.6
3 Limestone	tonne.	3,14,857	3,16,872	3,56,929	9,88,658	—16.3
4 Magnesite	tonne.	21,933	23,412	28,460	75,805	+10.7
5 Gypsum	tonne.	5,038	1,666	2,144	8,848	—68.9
MANUFACTURING.						
6 Sugar (Refined)	tonne.	6,565	22,182	25,257	54,004	+437.2
7 Hydrogenated Oil	tonne.	476	610	607	1,693	—0.7
8 Refined Oil	tonne.	56	74	123	253	—46.2
9 Tea (Processed)	tonne.	3,254 @	7,376 @@	5,035	15,665	+40.3
10 Coffee (Cured)	tonne.	175	60	61	296	—85.7
11 Cotton Yarn	tonne.	12,920	14,197	14,918	42,035	—8.7
12 Cotton woven piece-goods	000' metres.	13,406	14,598	12,466	40,470	—5.4
13 Printing Paper	tonne.	2,469	1,732	1,608	5,809	—20.0
14 Tyres (All types)	number.	5,73,977	6,72,273	7,41,941	19,88,191	+6.9
15 Tubes (All types)	number.	3,64,825	2,15,672	4,80,319	10,60,816	—37.2
16 Superior Kerosene	tonne.	33,195	32,504	37,172	1,02,871	+2.2
17 High Speed Diesel Oil	tonne.	49,901	39,423	37,898	1,27,222	—6.8
18 Ammonia	tonne.	40,173	28,453	42,655	1,11,281	+65.6
19 Caustic Soda	tonne.	5,357	5,905	5,952	17,214	—6.8
20 Urea	tonne.	65,867	55,963	72,601	1,94,431	+55.5
21 Super Phosphate	tonne.	9,848	11,236	11,876	32,960	—1.1
22 Mixed Fertilizer	tonne.	48,462	45,068	53,410	1,46,940	+61.0
23 Pesticides	tonne.	412	660	988	2,060	+69.8
24 Paints and Enamels	kilogram.	2,84,724	2,84,660	3,52,011	9,21,395	+3.0
25 Varnishes	litre.	18,654	20,747	60,495	60,495	—18.6
26 Safety Matches	Gross boxes.	44,64,925	50,83,812	50,42,778	1,45,91,515	—4.2
27 Refractories	tonne.	10,160	11,221	12,784	34,165	—10.2
28 Cement	tonne.	2,64,030	2,41,012	2,57,329	7,62,371	+1.6
29 Abbestos Cement Products	tonne.	5,616	6,092	6,194	17,902	+2.7
30 Coated Abrasives	reams.	5,290	4,744	3,643	13,677	—31.3
31 Bonded Abrasives	tonne.	226	235	262	723	—22.3
32 Iron and Steel (Metal)	tonne.	6,086	8,893	10,344	25,323	—1.3

@ @ Relates to October 1976.
 * Relates to August 1976.

@ Relates to September 1976.

INDUSTRIAL PRODUCTION BY PRODUCTS—*cont.*

Product.	Unit.	Production— <i>cont.</i>				Percentage of increase (+) or decrease (–) over previous quarter.
		October 1976 *	November 1976 *	December 1976 *	Total.	
		(7)	(8)	(9)	(10)	(11)
MANUFACTURING— <i>cont.</i>						
33 Castings (Iron and Steel)	tonne.	3,083	2,921	3,248	9,252	–1·6
34 Non-Ferrous (Metal)	tonne.	1,599	1,603	1,582	4,785	–13·9
35 Metal Containers Caps and Closures.	number.	310	440	402	1,252	+7·8
36 Tractors	number.	460	311	606	1,377	+4·1
37 Earth Moving Machinery	number.	21	21	20	62	+31·9
38 High Pressure Boilers and Fittings ..	tonne.	5,360	6,109	6,210	17,679	+12·9
39 Diesel Engines	number.	3,760	3,558	4,121	11,439	+80·7
40 Frames	number.	94	117	118	329	+27·0
41 Power Driven Pumps	number.	11,679	13,742	14,188	39,609	+38·1
42 Type-writers	number.	878	1,026	702	2,606	–6·7
43 Transformers	KVA	43,100	49,100	76,780	1,68,980	–47·2
44 Electric Motors	number.	7,645	9,463	11,785	28,893	+21·2
45 Dry Cells	number.	72,99,000	97,21,000	85,84,000	2,56,04,000	+1·1
46 Railway Coaches	number.	50	57	44	141	–1·4
47 Railway Wagons	number.	43**	43**	43**	129	+37·2
48 Completed Motor Vehicles	number.	149	167	178	494	+3·8
49 Motor Vehicles Chassis	number.	646	670	938	2,254	–15·9
50 Body Building	number.	56	77	97	230	+12·7
51 Motor Cycles	number.	1,603**	1,079	1,640	4,322	–10·1
52 Bicycles	number.	24,219	27,315	40,500	92,034	–10·7
53 Synthetic Gem Stones	Kilogram.	1,448	1,416	1,411	4,275	+3·9
ELECTRICITY.						
54 Electricity Generated †	Million Kwh	618·586	530·621	620·817	1,770·024	–6·8

@ relates to June 1976. *Provisional.

R= Revised.

** Relates to September 1976.

† Includes electricity generated from Neyveli Lignite Mines.

INDEX NUMBER OF INDUSTRIAL PRODUCTION.

1970=100

<i>Code Number.</i>	<i>Product.</i>	<i>July 1976. R</i>	<i>August 1976. *</i> <i>P</i>	<i>September 1976. *</i>	<i>Average for the Quarter ended September 1976.</i>
1)	2)	(3)	(4)	(5)	(6)
I. MINING.					
1 101	Lignite	136.4	114.4	94.0	114.9
2 123	Bauxite	80.2	85.2	86.9	84.1
3 190	Stone Quarrying clay and pits	129.3	123.5	112.6	121.8
4 193	Precious and Semi precious Stone .. ..	..	..	..	..
5 194	Mica (Crude)	28.6	14.3	28.6	23.8
6 195	Gypsum	114.4	105.2	138.7	119.4
II. MANUFACTURING.					
7 201	Manufacture of dairy products	111.4	128.1	133.2	114.2
8 204	Grain Mill Products	42.1	65.2	67.9	58.4
9 205	Manufacture of Bakery Products	110.5	97.0	133.3	113.6
10 206	Sugar (Refined)	16.9	13.8	6.0	12.2
11 207	Production of indigenous sugar	52.3	31.3	22.9	35.5
12 208	Salt	235.5	210.0	211.2	235.6
13 209	Manufacture of Cocoa, Chocolate Sugar Confectionery.	68.3	67.0	57.8	64.4
14 210	Vanaspathy	40.7	40.2	41.5	40.8
15 211	Refined Oil	27.6	23.3	1.0	17.3
16 212	Tea (Processed)	92.4	85.0	73.0	83.5
17 213	Coffee (Cured)	152.8	104.8	100.5	119.4
18 216	Prepared Animal Feeds	141.8	118.4	148.8	136.3
19 220	Distilling, Rectifying and blending of spirits.	77.8	70.6	21.8	56.7
20 224	Soft Drinks and carbonated water	75.5	66.8	71.9	71.4
21 223	Manufacture of chewing tobacco, Jerda and Shaff.	117.0	111.1	120.2	116.1
22 231	Cotton spinning, weaving and finishing of cotton textiles in Mills.	109.7	101.4	100.4	103.8
23 247	Spinning, weaving and finishing of other textiles.	164.1	144.3	163.6	157.3
24 280	Manufacture of pulp, paper and paper board including Newsprint.	143.4	129.1	135.5	136.0
25 300	Tyre and Tube Industries	170.3	143.1	153.0	135.5
26 302	Manufacture of Rubber Products n.e.c. ..	103.4	84.9	87.2	91.8
27 303	Manufacture of Plastic Products n.e.c. .. (except house furnishing).	119.8	108.4	106.0	111.4
28 304	Petroleum Refineries	132.6	128.4	112.1	124.4
29 310	Manufacture of basic Industrial Organic and Inorganic Chemical and Gases.	236.3	249.0	197.6	227.6
30 311	Manufacture of fertilisers and pesticides..	311.4	358.8	281.3	317.2
31 312	Manufacture of paints, varnishes and liquors.	94.1	97.0	97.1	96.1

* Provisional.

R = Revised.

INDEX NUMBER OF INDUSTRIAL PRODUCTION.

Code Number.		Product.	July 1976. R	August 1976. P	September 1976. •	1970=100 Average for the Quarter ended September 1976.
(1)	(2)	(3)	(4)	(5)	(6)	
II. MANUFACTURING—cont.						
32	313	Manufacture of drugs and medicines ..	366.6	311.1	321.5	333.1
33	314	Manufacture of perfume cosmetics soap in any form etc.	136.7	109.7	105.0	117.1
34	316	Manufacture of Turpentine, Synthetic resin and plastic materials, etc.	289.1	264.3	254.2	292.5
35	317	Safety Matches	181.4	122.7	158.8	521.0
36	318	Manufacture of explosives and ammunition and fire works.	124.1	128.7	197.5	150.1
37	319	Manufacture of chemical products n.e.c.	252.9	276.7	288.9	272.8
38	320	Manufacture of structural clay products.	97.7	116.2	109.0	107.6
39	321	Manufacture of glass and glass products.	958.1	210.5	210.5	459.7
40	323	Manufacture of Earthen ware and Por- celain ware.	212.0	216.2	150.5	206.2
41	324	Manufacture of Cement, Lime and Plaster.	137.0	115.6	123.9	125.5
42	326	Manufacture of structural, stone goods, stone ware, stone dressing and stone crushing.	136.5	124.8	126.8	129.4
43	328	Manufacture of Asbestos cement and other cement products.	119.7	133.2	128.7	127.2
44	329	Manufacture of miscellaneous non-metal mineral products.	100.3	98.5	105.7	101.9
45	330	Iron and Steel Industries	159.5	146.3	136.1	147.3
46	331	Foundries for casting and forging iron and steel.	105.5	119.2	113.6	112.8
47	339	Other non-ferrous metal industries ..	148.1	123.3	101.0	124.1
48	340	Manufacture of fabricated metal products.	90.1	90.8	90.8	90.6
49	343	Manufacture of hand tools and general hardware.	121.5	117.6	120.1	119.7
50	344	Enamel sign boards and other enamel products.	80.0	80.0	70.0	76.7
51	345	Manufacture of metal utensils cutlery and kitchenware.	57.0	53.9	57.8	56.2
52	349	Manufacture of metal products except machinery and transport equipment n.e.c. like type founding.	143.6	144.1	123.8	137.2
53	350	Manufacture of Agricultural Machinery ..	191.8	196.6	238.8	209.1
54	351	Manufacture and repair of heavy machi- nery and equipment used by construc- tion and mining industries.	70.3	51.2	45.5	55.7
55	352	Manufacture of prime movers, boilers and steam generating plants such as diesel engines and parts.	255.1	251.4	276.2	260.9
56	353	Industrial machinery for food, textiles and industries.	150.0	170.8	150.1	157.6

* Provisional

R = Revised

INDEX NUMBER OF INDUSTRIAL PRODUCTION.

		1970-100			
Code Number.	Product.	July R 1976.	August 1976.*	September 1976.*	Average for the Quarter ended September 1976.
(1)	(2)	(3)	(4)	(5)	(6)
II. MANUFACTURING—cont.					
67 355	Manufacture of refrigerators, Air conditioners and fire fighting equipments and their parts components and accessories.	..	..	30	1.0
68 356	Manufacture, alteration and repair general items of non-electrical machinery components equipment and accessories n.e.c.	85.7	83.1	86.9	85.2
69 357	Manufacture of machine tools, their parts and accessories.	150.3	149.0	152.6	166.0
70 358	Manufacture of office computing and accounting machinery and parts.	98.2	110.8	152.8	120.6
71 360	Manufacture of electrical industrial machinery and apparatus and parts.	121.6	117.4	165.0	148.0
72 361	Manufacture of insulated wires and cables.	58.1	48.1	56.1	57.4
73 362	Manufacture of dry and wet batteries ..	84.0	92.4	88.0	90.5
74 363	Manufacture of electrical apparatus appliances and other parts.	90.1	..	102.5	78.7
75 364	Manufacture of radio and television transmitting and receiving sets.	128.7	115.2	117.0	120.3
76 370	Ship Building and Repairing	133.3	83.3	168.7	125.0
77 372	Manufacture of railway wagons and coaches and parts.	79.4	75.1	99.1	84.5
78 374	Manufacture of motor vehicles and parts.	184.6	151.6	176.1	170.8
79 375	Manufacture of motor cycles and scooters and parts.	182.7	186.6	184.7	184.7
80 376	Manufacture of bicycles, cycle rickshaws and parts.	94.3	94.0	77.6	88.6
81 379	Manufacture of Transport equipment and parts n.e.c.	118.6	100.0	202.3	140.3
82 380	Manufacture of Medical, Surgical and Scientific equipment.	36.2	44.9	34.7	38.6
83 381	Manufacture of photographic and optical goods.	15.4	23.1	15.4	18.0
84 382	Manufacture of watches and clocks	293.9	281.1	267.6	287.5
85 387	Manufacture of stationery articles n.e.c.	71.8	50.9	43.5	55.5
86 389	Manufacture of miscellaneous products n.e.c.	88.4	51.2	82.5	74.0
III. ELECTRICITY.					
77 400	Electricity Generated	161.0	132.0	132.9	142.0
General Index ..		140.4	134.6	132.2	136.7

*—Provisional

R—Revised.

INDEX NUMBER OF INDUSTRIAL PRODUCTION.

Code Number.		Product.	October 1976.*	November 1976.*	December 1976.*	(1970=100) Average for the Quarter ended December 1976.
(1)	(2)		(7)	(8)	(9)	(10)
I. MINING						
1	101	Lignite	102.5	93.9	121.9	106.1
2	123	Bauxite	96.5	88.5	89.1	91.4
3	190	Stone Quarrying clay and pits	100.7	103.6	119.8	108.0
4	193	Precious and semi precious Stone ..	..	..	..	..
5	194	Mica (Crude)	14.3	14.3	28.6	19.1
6	195	Gypsum	63.5	21.0	27.0	37.2
II. MANUFACTURING						
7	201	Manufacture of dairy products	144.8	163.8	237.7	182.1
8	204	Grain Mill Products	87.9	77.1	106.4	90.5
9	205	Manufacture of Bakery Products	138.6	159.3	161.9	153.3
10	206	Sugar (Refined)	24.0	81.0	92.2	65.7
11	207	Production of indigenous sugar	45.6	61.5	156.6	87.9
12	203	Salt	207.6	173.5	21.1	134.1
13	209	Manufacture of Cocoa, Chocolate Sugar Confectionery.	55.5	66.2	68.4	63.4
14	210	Vanaspahy	34.2	43.8	43.6	40.5
15	211	Refined Oil	6.2	8.2	13.6	9.3
16	212	Tea (Processed)	73.0	165.4	112.9	117.1
17	213	Coffee (Cured)	30.3	10.4	10.6	17.1
18	216	Prepared Animal Feeds	132.0	239.5	253.4	208.3
19	220	Distilling, Rectifying and blending of spirits.	26.1	76.1	114.5	72.2
20	224	Soft drinks and carbonated water ..	66.3	44.9	47.9	53.0
21	228	Manufacture of chewing tobacco, Jerda and Shuff.	108.2	124.1	122.3	118.2
22	231	Cotton spinning, weaving and finishing of cotton textiles in mills.	88.4	97.0	100.0	95.1
23	247	Spinning, weaving and finishing of other textiles.	179.1	172.3	185.1	178.8
24	280	Manufacture of pulp, paper and paper board including Newsprint.	139.4	115.1	110.8	121.8
25	300	Tyre and Tube Industries	131.3	136.4	170.4	146.1
26	302	Manufacture of Rubber Products n.e.c. ..	83.5	84.8	85.6	84.6
27	303	Manufacture of Plastic Products n.e.c. (except house furnishing).	98.9	115.7	116.4	113.5
28	304	Petroleum Refineries	135.3	114.8	121.4	123.8
29	310	Manufacture of basic industrial Organic and Inorganic Chemical and Gases.	322.4	259.9	354.3	312.2
30	311	Manufacture of fertilisers and pesticides ..	489.0	441.2	542.6	490.9
31	312	Manufacture of paints, varnishes and liquors.	92.6	85.9	103.9	94.1

*Provisional.

INDEX NUMBER OF INDUSTRIAL PRODUCTION

(1970=100)

Code Number.	Product.	October 1976.*	November 1976.*	December 1976.*	Average for the Quarter ended December 1976.	
(1)	(2)	(7)	(8)	(9)	(10)	
	II. MANUFACTURING—cont.					
32	313	Manufacture of drugs and medicines ..	325.4	317.1	306.1	316.2
33	314	Manufacture of perfumes Cosmetics soap in any form, etc.	136.0	161.7	150.1	149.3
34	316	Manufacture of Turpentine, Synthetic resin and plastic materials, etc.	254.3	255.0	256.9	255.4
35	317	Safety matches	143.8	163.8	162.4	156.7
36	318	Manufacture of explosives and ammunition and fire works.	106.3	79.2	76.7	87.4
37	319	Manufacture of chemical products n.e.c. . .	286.5	284.0	298.0	289.5
38	320	Manufacture of structural clay products ..	86.3	95.1	108.3	96.0
39	321	Manufacture of glass and glass products ..	207.0	208.2	208.2	207.8
40	323	Manufacture of Earthen ware and Por- celain ware.	183.3	204.7	218.5	202.2
41	324	Manufacture of Cement, Lime and Plaster.	132.4	120.9	129.1	127.5
42	326	Manufacture of structural, stone goods, stoneware, stone dressing and stone crushing.	124.6	114.3	121.5	120.1
43	328	Manufacture of Asbestos cement and other cement products.	123.0	133.4	135.6	130.7
44	329	Manufacture of miscellaneous non-metal mineral products.	105.2	114.1	115.5	111.6
45	330	Iron and Steel Industries	107.9	155.8	183.3	149.0
46	331	Foundries for casting and forging iron and steel.	120.4	118.8	131.7	123.6
47	339	Other non-ferrous metal industries ..	108.2	107.6	102.8	106.2
48	340	Manufacture of fabricated metal products.	100.7	82.4	101.7	94.9
49	343	Manufacture of hand tools and general hardware.	136.1	124.0	254.7	171.6
50	344	Enamel sign boards and other enamel products.	70.0	100.0	100.0	90.0
51	345	Manufacture of metal utensils cutlery and kitchenware.	54.7	55.5	60.9	57.0
52	349	Manufacture of metal products except machinery and transport equipment n.e.c. like type founding.	155.5	173.6	123.2	150.8
53	350	Manufacture of Agricultural Machinery	217.8	154.8	292.7	221.8
54	351	Manufacture and repair of heavy machi- nery and equipment used by construction and mining industries.	64.2	66.6	62.5	64.4
55	352	Manufacture of prime movers, boilers, and steam generating plants such as diesel engines and parts	286.9	318.4	329.6	311.6
56	353	Industrial machinery for food, textiles and industries.	168.8	215.4	214.6	199.6

*Provisional.

INDEX NUMBER OF INDUSTRIAL PRODUCTION—*cont.*

Code number.		Product.	October 1976.*	November 1976.*	December 1976.*	Average for the quarter ended December 1976.
(1)		(2)	(7)	(8)	(9)	(10)
II. MANUFACTURING—<i>cont.</i>						
57	355	Manufacture of refrigerators, Air conditioners and air-heating equipments and their parts components and accessories.	3.0	3.0	Nil.	2.0
58	356	Manufacture, alteration and repair general items of non-electrical machinery components equipment and accessories n.e.c.	81.3	87.7	101.5	90.2
59	357	Manufacture of machine tools, their parts and accessories.	144.0	149.5	154.0	149.2
60	358	Manufacture of office computing and accounting machinery and parts.	149.5	208.1	207.8	188.5
61	360	Manufacture of electrical industrial machinery and apparatus and parts.	89.5	100.0	121.4	103.6
62	361	Manufacture of insulated wires and cables.	53.6	56.5	47.6	52.6
63	362	Manufacture of dry and wet batteries ..	77.4	100.1	78.4	85.3
64	363	Manufacture of electrical apparatus appliances and other parts.	121.8	94.6	114.4	107.3
65	364	Manufacture of Radio and Television transmitting and receiving sets.	125.0	121.4	104.4	120.3
66	370	Ship Building and Repairing	75.0	..	..	25.0
67	372	Manufacture of railway wagons and coaches and parts.	91.0	86.1	81.3	86.1
68	374	Manufacture of motor vehicles and parts.	136.5	145.8	177.0	153.0
69	375	Manufacture of Motor Cycles and Scooters and parts.	184.7	124.3	188.9	166.0
70	376	Manufacture of bicycles, cycle rickshaws and parts.	77.2	86.0	116.8	93.3
71	379	Manufacture of Transport equipment and parts n.e.c.	200.0	167.4	204.7	190.7
72	380	Manufacture of Medical Surgical and scientific equipments.	26.7	30.8	24.3	27.3
73	381	Manufacture of photographic and optical goods.	..	15.4	16.4	10.6
74	382	Manufacture of watches and clocks ..	255.5	277.8	310.5	271.3
75	387	Manufacture of stationery articles n.e.c.	35.8	43.9	33.6	37.1
76	389	Manufacture of miscellaneous products n.e.c.	78.2	76.5	76.2	77.0
III. ELECTRICITY.						
400		Electricity Generated	138.8	119.1	139.3	132.4
General Index ..			130.8	134.4	149.1	138.1

Provisional

VI. HANDLOOM

PRODUCTION OF HANDLOOM CLOTH

The production of handloom cloth in Tamil Nadu during the quarter ended December 1976 was estimated at 158,083,000 metres as against 158,783,000 metres during the previous quarter. The fall of 0.44 per cent in production even during the two important festivals, viz. Deepavali and Pongal clearly shows the decaying nature of the industry in recent times.

Among the different varieties of handloom cloth produced, sarees alone accounted for 27.40 per cent while dhoties, lungies and towels constituted 15.30 per cent, 16.89 per cent and 14.53 per cent respectively. The remaining 25.88 per cent of production was shared by shirtings, bedsheets, gada, carpets, etc.

Out of the total production, cotton varieties alone constituted the bulk of 86.15 per cent followed by artsilk, mixture and silk at the rate of 6.96 per cent, 6.20 per cent and 0.69 per cent respectively.

During the quarter under review the Government has offered twice the rebate of 10 per cent for the sales through co-operative societies for Deepavali and Pongal festivals. As a result, the average monthly rate of sales to the total available stock in Tamil Nadu for the quarter has increased to 41.80 per cent, when compared to 33.37 per cent effected during the previous quarter.

PRODUCTION OF HANDLOOM CLOTH IN TAMIL NADU

Variety of Cloth.	1975-76	Quarter ended June 1976.	Quarter ended September 1976.	Quarter ended December 1976.	Total (Columns 3+4+5)
(1)	(2)	(3)	(4)	(5)	(6)
(IN 000' METRES.)					
A. COTTON.—					
1. Dhoties	9,17,28	2,47,93	2,31,42	2,37,72	7,17,07
2. Sarees	10,90,66	2,89,22	2,49,49	2,55,50	7,94,16
3. Towels	7,49,03	2,66,34	2,45,26	2,29,70	7,41,30
4. Hand kerchiefs	87,79	56	17,00	14,30	31,86
5. Lungies	10,02,22	2,60,10	2,33,71	2,51,44	7,45,25
6. Bedspreads	3,15,64	94,25	91,12	93,91	2,79,28
7. Angavastrams	11,70	25,92	3,30	3,45	32,67
8. Shirtings	4,04,72	1,78,75	1,27,28	1,11,24	4,17,27
9. Coatings	3,91	6,23	4,92	6,61	17,76
10. Gada	8,31,04	21,49	49,27	48,55	1,19,31
11. Carpet		5,15	30,75	23,93	59,83
12. Curtain cloth		7,29	13,84	12,28	33,41
13. Pillow Cover		2,57	14,45	12,85	29,87
14. Dhavani		2,45	6,77	8,57	17,79
15. Others		16,33	57,55	51,83	1,25,71
Total	54,13,99	14,24,68	13,76,13	13,61,88	41,62,69
B. SILK.—					
1. Dhoties	63	47	63	62	1,72
2. Sarees	19,08	7,07	6,66	6,61	20,34
3. Angavastrams	23,80	15	15	13	43
4. Dhavani		30	2,93	2,98	6,21
5. Others		16	84	84	1,51
Total	43,51	10,86	11,21	10,88	32,95

PRODUCTION OF HANDLOOM CLOTH IN TAMIL NADU—cont.

Variety of Cloth.	1975-76	Quarter ended June 1976.	Quarter ended September 1976.	Quarter ended December 1976.	Total (Columns 3+4+5).
(1)	(2)	(3)	(4)	(5)	(6)
C. ART SILK.—					
1. Dhoties .. .. .	..	78	2,79	3,29	6,86
2. Sarees	3,30,37	95,29	81,63	78,45	2,35,42
3. Lungies .. .. .	..	2,49	6,53	15,62	24,69
4. Dhavani .. .. .	..	3,02	14,22	8,63	25,37
5. Others	35,45	2,58	4,53	4,11	11,27
Total	3,65,82	1,04,16	1,09,83	1,00,40	3,24,11
D. MIXTURE OF ART SILK AND COTTON.—					
1. Dhoties	7,85	21	7	17	45
2. Sarees	2,80,92	87,46	83,34	92,51	2,63,31
3. Others	13,95	3,17	2,23	5,29	10,69
Total	3,02,72	90,84	90,64	97,97	2,79,45
.. .. .	61,26,04	16,30,54	15,81,83	15,50,83	47,99,20

VII. JOINT STOCK COMPANIES.

REGISTRATIONS AND LIQUIDATIONS OF JOINT STOCK COMPANIES.

During the quarter ended March 1977, two public companies and forty-four private companies were newly registered as against two public companies and thirty-nine private companies during the previous quarter.

The total authorised capital of the newly registered public and private companies during the quarter ended March 1977 was Rs. 879.69 lakhs as against Rs. 354.39 lakhs during the previous quarter.

During the quarter, two companies went into liquidation as against one company in the previous quarter.

NEW REGISTRATIONS OF JOINT STOCK COMPANIES.

Period.	Number of companies.			Authorised Capital.		
	Public.	Private.	Total.	Public.	Private.	Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
				(Rupees in lakhs.)		
1971-72	27	141	168	3,686.00	1,226.55	4,912.55
1972-73	20	166	186	1,387.00	11,614.59	13,001.59
1973-74	37	212	249	331.75	1,936.10	5,267.85
1974-75	34@	273†	307	3,800.15	3,669.29	7,469.44
1975-76	29	188	217	2,747.50	1,808.18	4,555.68
1976 April .. ..	..	29@	29	..	182.50	182.50
May .. .. .	..	9	9	..	27.20	27.20
June	2	10	12	74.00	131.45	205.45
July	4	15	19	321.00	63.00	384.00
August	2	11	13	10.00	135.00	145.00
September	1	17@	18	25.00	65.70	90.70
October .. .. .	..	6	6	..	14.50	14.50
November .. .. .	..	10	10	..	97.99	97.99
December	2	23	25	60.00	181.90	241.90
1977 January .. ..	..	14	14	..	309.49	309.49
February .. .. .	..	15@	15@	..	72.20	72.20
March	2	15@	17@	201.00	297.00	498.00

@ including one guarantee company.

† including seven guarantee companies.

LIQUIDATIONS OF JOINT STOCK COMPANIES.

Period.	Number of companies.			Authorised Capital.		
	Public.	Private.	Total.	Public.	Private.	Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
				(rs. in lakhs.)		
1971-72	2	20	22	27.51	52.12	70.63
1972-73	7	12	19	64.34	67.50	131.84
1973-74	3	8	11	106.00	90.90	196.90
1974-75	8	33	41	206.64	120.19	326.83
1975-76	1	18	19	5.00	94.89	99.89
1976 April .. .. .	..	2	2	N.A.	N.A.	N.A.
May .. .. .	..	2	2	..	3.86	3.86
June	3	..	2	3.73	..	3.73
July	1	..	1	5.00	..	5.00
August	1	1	2	0.08	4.00	4.08
September	1	..	1	0.40	..	0.40
October .. .. .	..	..	..	..	..	..
November .. .. .	..	1	1	..	2.40	2.40
December .. .. .	..	..	..	..	..	..
1977 January	1	1	2	15.00	5.00	20.00
February .. .. .	..	..	..	..	..	..
March .. .. .	..	..	..	..	..	..

N.A. Not Available

NEW REGISTRATIONS OF JOINT STOCK COMPANIES BY INDUSTRIAL CLASSIFICATION QUARTER ENDED MARCH 1977.

Classification.	Number of companies.			Authorised capital.		
	Public.	Private.	Total.	Public.	Private.	Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
				(Rupees in lakhs.)		
0. Agriculture and allied activities .. .. .	..	2	2	..	10.30	10.30
1. Mining and quarrying .. .. .	..	..	..	..	..	..
2. Processing and manufacture of foodstuff, textiles and products there of.	..	4	4	..	28.20	28.20
3. Processing and manufacture of metals, chemicals and products there of.	1	17	18	1.00	286.00	287.00
4. Processing and manufacture not elsewhere classified.	..	4	4	..	19.99	19.99
5. Construction and utilities .. .. .	..	..	..	..	..	..
6. Commerce (Trade and Finance)	1	10	11	200.00	38.20	238.20
7. Transport and Communication Services.	..	..	..	..	..	..
8. Community and business services	..	4	4	..	30.00	30.00
9. Personal and other services .. .. .	..	3	3	..	266.00	266.00
Total	2	44	46	201.00	678.69	879.69

VIII. ELECTRICITY.

ELECTRICITY GENERATION AND CONSUMPTION.

During the quarter ended March 1977, the generation of electricity stood at 1,155 million units as against 1,084 million units in the previous quarter.

The total consumption of electricity rose from 1,547 million units during the quarter ended September 1976 to 1,552 million units during the quarter ended December 1976. The consumption of electricity by the agricultural and industrial sectors declined from 382 million units to 328 million units and from 776 million units to 745 million units respectively. The consumption of electricity by the domestic users and others showed an upward trend.

The total number of villages and hamlets electrified was 63,247 at the end of the quarter ended December 1976. The total number of agricultural pumpsets energised was 7,66,843 at the end of the quarter ended December 1976.

ELECTRICITY GENERATED AND PURCHASED.

Period.	Generation.				Purchase.	Generation (Net and purchase).
	Hydro.	Thermal.	Total.	Net generation.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
(In Million Units.)						
1971-72	3,749	618	4,367	4,273	2,449	6,722
1972-73	4,144	926	5,070	4,937	1,785	6,722
1973-74	3,702	1,171	4,873	4,711	2,232	6,943
1974-75	3,827	1,249	5,076	4,887	2,079	6,966
1975-76	4,405	1,317	5,722	5,519	2,398	7,917

Quarter ended :—

June 1976 .. .. .	..	..	1,357	..	818	2,094
September 1976 .. .. .	..	..	1,222	..	668	1,819
December 1976 .. .. .	..	..	1,145	1,084	669	1,733
March 1977 .. .. .	..	..	1,213	1,155	875	2,030

CONSUMPTION OF ELECTRICITY.

Period.	Agriculture.	Industry.	Domestic.	Others.	Total.
(1)	(2)	(3)	(4)	(5)	(6)
1970-71	1,241	2,475	247	1,094	5,057
1971-72	1,299	2,646	273	1,162	5,380
1972-73	1,430	2,325	276	1,340	5,371
1973-74	1,531	2,313	309	1,113	5,266
1974-75	1,841	2,383	385	967	5,576
Quarter ended :—					
June 1975	386	441	97	211	1,135
September 1975	339	859	124	241	1,563
December 1975	434	901	130	224	1,689
March 1976	533	878	117	237	1,765
June 1976	479	873	120	290	1,762
September 1976	382	776	126	263	1,547
December 1976	328	745	131	348	1,552

RURAL ELECTRIFICATION.

<i>Period.</i>	<i>Number of towns, villages and hamlets electrified.</i>		<i>Number of pumpsets energised.</i>	
	<i>During the period.</i>	<i>At the end of the period.</i>	<i>During the period.</i>	<i>At the end of the period.</i>
(1)	(2)	(3)	(4)	(5)
1971-72	10,511	52,524	64,237	5,94,169
1972-73	7,794	60,318	54,981	6,49,150
1973-74	652	60,970	30,688	6,79,838
1974-75	144	61,114	25,311	7,05,149
1975-76	198	61,415	34,407	7,42,746
Quarter ended—				
June 1976	13	61,428	11,067	7,53,813
September 1976 ..	39	61,467	6,796	7,60,609
December 1976 ..	49	63,247*	6,324	7,66,843

*As per Census 1971.

IX. HOUSING.

CONSTRUCTION ACTIVITY OF THE TAMIL NADU HOUSING BOARD.

The total number of houses/flats/apartments/tenements under construction by the Tamil Nadu Housing Board under different housing schemes during the quarter ended September 1976 was 4,174 as against 4,901 during the previous quarter. During the quarter ended September 1976, 720 houses/flats/apartments/tenements were completed. Since inception of the scheme i.e. from 21st April 1961 upto the quarter ended September 1976, 41,641 houses/flats/apartments/tenements were completed.

HOUSES CONSTRUCTED BY THE TAMIL NADU HOUSING BOARD.

Name of the scheme.	Number of houses/flats/tenements/ apartments.	
	Completed upto the quarter ended September 1976.	Under construction as on 30th September 1976.
(1)	(2)	(3)
1. Low Income Group Housing	7,288	1,133
2. Middle Income Group Housing	4,785	638
3. Tamil Nadu Government Rental Housing	8,158	586
4. Subsidised Industrial Housing	2,494	..
5. Slum Improvements/Clearance	14,771	..
6. Deposit Works .. .. .	..	..
7. Special Low Cost Housing Scheme	4,942	1,817
8. Ancillary .. .. .	..	..
Total ..	41,641	4,174

(Source: Tamil Nadu Housing Board.)

BUILDING ACTIVITY IN MADRAS CITY.

During the quarter ended September 1976, 304 permits were sanctioned for construction of buildings in Madras City by the Corporation of Madras as against 211 permits in the previous quarter.

PERMITS SANCTIONED FOR CONSTRUCTION OF BUILDINGS IN PUBLIC AND PRIVATE SECTORS IN MADRAS CITY.

Period.	Number of permits.
1975—April	192
May	182
June	308
1976—January	162
February	55
March	@
April	1
May	65
June	145
July	120
August	119
September	65

@ Registration of building applications was stopped owing to the Urban Land Ceiling Act with effect from 1st April 1976. It was resumed on 27th April 1976.

(Source: Corporation of Madras.)

CONSTRUCTION ACTIVITY OF THE TAMIL NADU SLUM CLEARANCE BOARD.

During the quarter ended September 1976, 574 houses/flats/apartments/tenements were completed under Slum Improvement/Clearance Scheme of the Tamil Nadu Slum Clearance Board. Since the inception of the scheme, i.e., from September 1970 to 30th September 1976, 19,363 houses/flats/apartments/tenements were completed. As on 30th September 1976, construction of 2,328 houses/flats/apartments/tenements was in progress.

CONSTRUCTION BY THE TAMIL NADU SLUM CLEARANCE BOARD.

Number of houses/flats/tenements/apartments.

<i>Completed upto the quarter ended September 1976.</i>	<i>Under construction as on 30th September 1976.</i>
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19,363

2,328

(Source : Tamil Nadu Slum Clearance Board.)

INDEX NUMBER OF BUILDING COST.

The Index Number of Building Cost in Madras City for the quarter ended September 1976 advanced by three points as compared to the previous quarter due to increase in the prices of building materials like bricks, teak-wood, planks, mild steel, T.W. Plugs, T.W. fillets, Indian water closet, etc., and also due to proportional increase in contingencies and supervision charge.

The index for building labour remained unchanged.

INDEX NUMBER OF BUILDING COST IN MADRAS CITY.

1971-72=100.

<i>Group.</i>	<i>Index for the quarter ended.</i>				
	<i>September 1975.</i>	<i>December 1975.</i>	<i>March 1976.</i>	<i>June 1976.</i>	<i>September 1976.</i>
(1)	(2)	(3)	(4)	(5)	(6)
1. Building Materials	149.07	155.82	155.13	156.88	160.74
2. Building Labour	197.27	197.27	197.27	197.27	197.27
3. Other charges	155.98	167.28	167.28	172.95	174.73
Index number of Building Cost ..	155	165	164	166	169

X. TRANSPORT.

REGISTRATION OF MOTOR VEHICLES.

During the quarter ended March 1977, the total number of newly registered motor vehicles in Tamil Nadu was 5,274 as against 6,051 during the previous quarter.

The new registration of motor cycles and scooters declined from 4,216 during the quarter ended December 1976 to 2,962 during the quarter ended March 1977. The new registration of private cars, jeeps, station wagons, contract carriages, buses and goods vehicles, however increased during the quarter under review.

NEW REGISTRATIONS OF MOTOR VEHICLES.

<i>Period.</i>	<i>Motor cycles and scooters.</i>	<i>Private Cars, Jeep and station wagons.</i>	<i>Contract carriages.</i>	<i>Buses.</i>	<i>Goods vehicles.</i>	<i>Others.</i>	<i>Total.</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1971-72	12,004	4,438	407	834	1,363	3,207	22,253
1972-73	10,203	3,849	565	612	1,281	2,442	18,952
1973-74	11,825	4,306	1,191	910	1,881	2,231	21,844
1974-75	12,930	3,591	570	994	1,921	2,339	22,345
1975-76	13,731	2,291	406	842	1,331	2,368	20,967
Quarter ended—							
June 1976	4,246	693	78	280	299	871	6,467
September 1976	4,265	799	90	216	402	680	6,452
December 1976	4,216	753	45	171	249	617	6,051
March 1977	2,962	963	376	182	269	522	5,274

XI. PRICES.

WHOLESALE PRICES OF SELECT COMMODITIES IN TAMIL NADU.

When compared with the prices that prevailed in December 1976, the monthly average wholesale prices of the following commodities decreased in March 1977:

Paddy I sort (—2.7 per cent), rice I sort (—3.9 per cent), rice II sort (—1.7 per cent), wheat (—0.5 per cent), cholan (—3.3 per cent),umbu (—4.4 per cent), pepper (—8.2 per cent), cane jaggery (—19.8 per cent), palm jaggery (—18.7 per cent), sugar (—6.9 per cent), castor seeds (—5.0 per cent), coconut-unhusked (335.6 per cent), coconut oil (27.2 per cent), ghee ungraded (—3.3 per cent), cotton seeds (—1.9 per cent), tobacco (—7.0 per cent), tanned cow hides (—13.4 per cent), tanned goat skins (—17.4 per cent) and tanned sheep skins (—10.6 per cent).

When compared with the price that prevailed in December 1976 the monthly average, wholesale prices of the following commodities increased in March 1977:

Paddy II sort (+1.9 per cent), ragi (+2.6 per cent), red-gamdhall (+46.0 per cent), turmeric (+1.1 per cent), chillies (+16.2 per cent), groundnut with shell (+40.1 per cent), groundnut without shell (+22.7 per cent), gingelly seeds (+7.6 per cent), gingelly oil (+9.1 per cent), groundnut oil (+2.8 per cent), cashewnuts (+39.1 per cent), almond husked (+3.8 per cent), cotton lint (+3.1 per cent) and coir yarn (+6.2 per cent).

AVERAGE WHOLESALE PRICES OF SELECT COMMODITIES IN TAMIL NADU

Commodity.	Unit.	1972-73.	1973-74.	1974-75.	1975-76.	1976-77.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		RS.	RS.	RS.	RS.	RS.
1 Paddy I sort ..	Quintal.	77.83	82.77	155.76	146.83	110.95
2 Paddy II sort ..	Do.	66.95	78.65	154.12	137.78	103.34
3 Rice I sort ..	Do.	133.75	143.53	272.65	249.88	182.93
4 Rice II sort ..	Do.	107.97	123.54	243.24	225.94	169.45
5 Wheat	Do.	115.72	208.23	238.11	216.94	188.93
6 Cholan	Do.	76.74	88.37	190.16	151.82	127.15
7 Cumbu	Do.	68.28	85.94	177.21	152.81	119.00
8 Ragi	Do.	71.05	84.48	171.59	136.32	107.32
9 Red gram dhal ..	Do.	199.53	229.00	310.22	254.87	242.88
10 Turmeric	Do.	267.21	455.12	437.65	336.78	428.89
11 Chillies	Do.	321.78	456.09	619.59	1,230.80	637.02
12 Pepper	Do.	635.62	819.96	1,240.43	1,328.94	1,763.75
13 Cane Jaggery ..	Do.	145.39	148.86	156.59	226.42	211.42
14 Palm Jaggery ..	Do.	206.01	178.22	207.55	272.59	267.77
15 Sugar	Do.	324.64	357.07	442.47	436.97	455.06
16 Groundnut (with shell).	Do.	153.32	228.20	248.90	185.51	216.86
17 Groundnut (without shell).	Do.	219.75	354.03	343.77	291.58	317.06
18 Gingelly seeds ..	Do.	271.82	356.77	398.06	346.70	397.67
19 Castor seeds ..	Do.	162.79	253.35	222.50	153.17	231.39
20 Coconut (unhusked)	1,000 Nuts.	583.75	1,050.69	1,116.42	913.46	1,091.73
21 Gingelly oil ..	10 kilograms.	58.68	78.58	86.59	77.46	84.60
22 Groundnut oil ..	Do.	47.29	74.37	75.93	65.14	71.32
23 Coconut Oil ..	Do.	58.90	104.93	114.88	84.88	109.92
24 Ghee (ungraded)	Quintal.	1,231.36	1,626.19	1,797.40	1,769.43	1,850.44
25 Cashewnuts ..	Do.	200.87	318.74	306.70	312.47	425.99
26 Arecanut (Husked).	Do.	588.86	658.38	745.59	812.66	975.10
27 Cotton Seeds ..	Do.	78.46	138.26	140.62	136.47	148.32
28 Cotton Lint ..	Do.	616.77	796.24	1,019.84	894.11	1,251.04
29 Tobacco	Do.	638.93	590.85	667.25	951.19	927.63
30 Coir Yarn	Do.	133.70	153.79	197.46	208.44	215.26
31 Tanned Cow Hides	Kilogram.	12.77	14.82	11.94	14.06	18.35
32 Tanned Goatskins	Do.	56.04	52.27	50.16	72.80	80.83
33 Tanned Sheep skins	Do.	69.51	63.90	62.82	36.16	103.63

AVERAGE WHOLESALE PRICES OF SELECT COMMODITIES IN TAMIL NADU—cont.

Commodity. (1)	Unit. (2)	April. 1976 (8)	May. 1976 (9)	June. 1976 (10)	July. 1976 (11)	August. 1976 (12)	September. 1976 (13)
		RS.	RS.	RS.	RS.	RS.	RS.
1 Paddy I sort ..	quintal.	93.91	98.71	99.63	116.26	128.96	127.70
2 Paddy II sort ..	Do.	90.02	90.54	93.73	110.60	120.12	114.26
3 Rice I sort ..	Do.	155.74	160.15	161.83	190.52	207.08	206.17
4 Rice II sort ..	Do.	144.12	140.52	143.16	173.66	186.07	185.24
5 Wheat	Do.	178.33	183.47	181.81	189.65	195.31	196.56
6 Cholan	Do.	112.56	115.03R	113.52	126.12	133.75	139.86
7 Cumbu	Do.	113.53	112.70	106.86	116.57	115.48	120.49
8 Ragi	Do.	88.76	84.98	85.04	104.37	106.47	106.12
9 Redgram dhall ..	Do.	198.42	205.00	202.87	205.57	206.64	210.74
10 Turmeric	Do.	310.43	309.06	320.14	395.21	425.75	446.83
11 Chillies	Do.	771.40	664.40	629.36	680.94	627.59	561.53
12 Pepper	Do.	1,424.00	1,495.00	1,682.50	1,767.00	1,775.00	1,765.00
13 Cane Jaggery ..	Do.	197.26	210.82	212.27R	229.20R	240.80R	238.95R
14 Palm Jaggery ..	Do.	218.87	236.87	236.10	243.71	258.41	270.12
15 Sugar	Do.	442.66	448.75	451.29	478.06	488.57	491.89
16 Groundnut (with shell).	Do.	141.77	156.17	169.36	211.84	225.83	251.42
17 Groundnut (without shell).	Do.	199.90	205.54	236.24	305.74	341.44	379.75
Gingelly seeds ..	Do.	368.18	364.12	319.13	336.20	352.82	407.11
19 Castor Seeds ..	quintal.	141.43	158.89	182.50	243.29	248.89	248.33
20 Coconut (unhusked) 1,000 Nuts		820.00	775.00	700.00	914.00R	1,062.50	1,050.00
21 Gingelly oil ..	10 kg.	76.94	79.03	66.17	68.65	73.40	87.65
22 Groundnut oil ..	Do.	46.05	44.29	47.46	61.04	72.84	84.07
23 Coconut oil ..	Do.	84.85	81.44	79.27	90.23	91.79	109.32
24 Ghee (Ungraded)	quintal	1,737.40	1,812.50	1,812.50	1,902.50	2,015.63	2,117.19
25 Cashewnuts ..	Do.	319.11	313.06	305.94	356.75	373.59	425.36
26 Arecanut (Husked)	Do.	854.22	866.17	894.16	906.35	976.69	1,001.71
27 Cotton seeds ..	Do.	126.78	127.29	127.67	144.06	144.32	152.84
28 Cotton lint ..	Do.	1,009.54	1,067.40	1,082.13	1,297.20	1,220.52	1,273.83
29 Tobacco	Do.	922.03	910.28	928.11	925.46	965.48	962.79
30 Coir yarn	Do.	224.17	225.00	216.67	216.67	216.67	215.63
31 Tanned Cow Hides	kilogram.	18.37	18.74	18.12	18.56	18.86	18.73
32 Tanned Goat skins	Do.	78.53	78.50	83.79	83.79	83.79	83.79
33 Tanned Sheep skins	Do.	100.84	99.23	100.65	104.62	105.68	108.69

R—Revised.

AVERAGE WHOLESALE PRICES OF SELECT COMMODITIES IN TAMIL NADU—cont.

Commodity.	Unit.	October 1976.	November 1976.	December 1976.	January 1977.	February 1977.	March 1977.
(1)	(2)	(14)	(15)	(16)	(17)	(18)	(19)
		RS.	RS.	RS.	RS.	RS.	RS.
1 Paddy I sort ..	quintal	119.43R	125.10	111.63	103.81	113.72	108.57
2 Paddy II sort ..	Do.	105.38R	108.80	100.28R	101.43	108.36	102.21
3 Rice I sort ..	Do.	199.39	213.82	188.77	171.21	186.62	181.50
4 Rice II sort ..	Do.	182.69	192.40	174.14	165.98	179.14	171.22
5 Wheat	Do.	192.00	187.50	190.85	189.94	189.50	189.81
6 Choram	Do.	144.02	151.12	128.96	114.30	119.90	124.65
7 Cumbu	Do.	121.73	132.13	128.42	116.84	118.29	122.80
8 Ragi	Do.	110.88	125.18	118.95	118.75	118.27	121.99
9 Redgram Dhall ..	Do.	221.36	243.55	240.06R	293.89	340.02	350.47
10 Turmeric	Do.	456.68	460.83	504.30	502.85	505.37	509.63
11 Chillies	Do.	542.20	628.47	599.49R	572.77	670.46	696.78
12 Pepper	Do.	1,793.00	1,912.50	1,960.00	1,893.75	1,925.00	1,800.00
13 Cane Jaggery ..	Do.	229.30	228.08	216.27	183.83	171.66	173.40
14 Palm Jaggery ..	Do.	295.42	303.36	309.41	300.90	257.76	251.69
15 Sugar	Do.	482.83	465.86	444.69	422.21	422.79	414.11
16 Groundnut (with shell).	Do.	249.44	210.15	225.85R	264.15	296.64	316.38
17 Groundnut (with- out shell).	Do.	338.32	289.69	332.12	393.31	450.75	407.35
18 Gingelly seeds ..	Do.	400.93	406.26	437.74	462.46	486.14	470.82
19 Caster seeds ..	quintal	249.60	245.00	258.98R	285.94	268.94	246.00
20 Coconut (unhusked)	1000 nuts	1,110.00	1,400.00	1,610.00	1,400.00	1,200.00	1,037.50
21 Gingelly oil ..	10 kg.	85.81	86.93	91.13	98.12	101.92	99.41
22 Groundnut oil ..	Do.	82.57	66.32	73.41	88.19	101.23	95.32
23 Coconut oil ..	Do.	126.13	133.55	145.49	142.15	127.28	106.60
24 Ghee (Ungraded)	quintal	2,125.00	1,950.08	1,712.50	1,682.75	1,662.63	1,656.25
25 Cashewnuts ..	Do.	460.00	475.00	469.64	518.75	583.21	653.44
26 Arecanut (husked)	Do.	1,020.31	1,018.63	1,033.31	1,053.41	1,049.40	1,072.32
27 Cotton seeds ..	Do.	154.11	158.44	159.25	163.05	168.09	156.20
28 Cotton lint ..	Do.	1,306.64	1,199.97	1,339.34	1,487.78	1,425.42	1,381.51
29 Tobacco	Do.	970.08	970.43	930.35	896.74	879.18	865.30
30 Coir yarn ..	Do.	212.50	204.79	204.00	214.50	216.67	216.67
31 Tanned Cow Hides	kilograms	18.80	18.98	18.76	18.47	18.57	16.24
32 Tanned Goat skins	Do.	83.92	94.00	83.61	82.79	74.17	69.09
33 Tanned Sheep skins	Do.	109.09	109.41	106.91	83.67	96.60	95.57

(R) ⇒ Revised.

RETAIL PRICES OF SELECT COMMODITIES IN TAMIL NADU.

When compared with the average retail prices that prevailed during the last month of the previous quarter (i.e) December 1976, the average retail prices in March 1977 recorded a downward trend in respect of the following commodities;—

Rice I sort (—9.0 per cent), rice II sort (—4.3 per cent), Cholam (—2.9 per cent), cumbu (—3.7 per cent), pepper (—4.2 per cent), cane jaggery (—20.6 per cent), palm jaggery (—11.5 per cent), Sugar (—6.8 per cent), coriander (—35.9 per cent), coconut husked (—24.1 per cent), Ghee Agmark (—4.8 per cent), Coconut oil (—23.9 per cent) and tobacco (—13.6 per cent).

The average retail prices of the following commodities recorded an upward trend during March 1977 as compared to that of December 1976;—

Wheat (+13.6 per cent), ragi (+1.6 per cent), redgram dhal (+34.9 per cent), chillies (+15.3 per cent), Turmeric (+6.0 per cent) and gingelly oil (+11.8 per cent).

The average retail prices of salt, coir yarn and cotton seed remained unchanged and there was no retail transaction of arecanut (unhusked) during the quarter.

AVERAGE RETAIL PRICES OF SELECT COMMODITIES IN TAMIL NADU

Commodity.	Unit.	1972-73.	1973-74.	1974-75.	1975-76.	1976-77.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		RS.	RS.	RS.	RS.	RS.
1 Rice, I Sort	quintal	145.86	155.44	293.60	279.55	187.00
2 Rice, II Sort	quintal	115.22	128.86	267.68	243.51	180.00
3 Wheat	quintal	187.00	309.75	315.46	269.48	204.00
4 Cholam	quintal	87.98	95.79	203.40	170.28	136.00
5 Cumbu	quintal	82.36	94.53	191.30	159.45	127.00
6 Ragi	quintal	81.15	95.79	189.11	155.81	119.00
7 Redgram dhal	kilogram	2.44	2.59	3.44	2.83	2.72
8 Chillies	quintal	364.61	485.09	737.66	1,303.77	727.00
9 Pepper	quintal	759.09	807.00	1,217.50	1,382.61	2,010.00
10 Turmeric	quintal	353.18	508.04	478.86	427.95	494.00
11 Cane Jaggery	quintal	165.17	168.13	176.46	245.51	237.00
12 Sugar	quintal	3.58	3.70	4.58	4.58	4.66
13 Salt	quintal	0.12	0.12	0.15	0.15	0.16
14 Coriander	quintal	247.46	300.22	379.77	449.35	710.00
15 Coconut Unhusked	1,000 nuts	580.00	1,175.00	1,300.00	814.90†	1,030.00†
16 Ghee Agmark	kilogram	14.50	18.10	18.95	20.78	22.71
17 Palm Jaggery	quintal	255.73	207.81	236.88	319.15	318.00
18 Coir Yarn	quintal	145.40	155.94	221.79	244.57	232.00
19 Coconut oil	kilogram	7.50	11.70	12.99	9.47	12.14
20 Gingelly oil	kilogram	7.13	8.39	9.15	8.22	8.93
21 Cotton seed	quintal	97.92	145.55	155.56	141.93	155.00
22 Arecanut (Unhusked)	1,000 nuts	N.T	130.00	N.T.	712.50*	713.00
23 Tobacco	quintal	619.85	580.50	597.16	1,117.70	1,163.00

† Coconut husked.

* Per Quintal.

N. T. = No Transaction.

Average Retail Prices of Select Commodities in Tamil Nadu—*cont.*

Commodity.	Unit.	April. 1976	May 1976	June. 1976	July. 1976	August 1976	Septem- ber 1976
(1)	(2)	(8)	(9)	(10)	(11)	(12)	(13)
		RS.	RS.	RS.	RS.	RS.	RS.
1 Rice, I sort	quintal	169-00	177-00	174-00	208-00	221-00	227-00
2 Rice, II sort	quintal	156-00	156-00	153-00	177-00	190-00	193-00
3 Wheat	quintal	203-00	204-00	195-00	199-00	203-00	203-00
4 Cholan	quintal	124-00	127-00	126-00	136-00	142-00	148-00
5 Cumbu	quintal	122-00	120-00	119-00	123-00	125-00	128-00
6 Ragi	quintal	105-00	99-00	98-00	116-00	119-00	118-00
7 Redgram dhal	kilogram	2.24	2.31	2.20	2.33	2.31	2.40
8 Chillies	quintal	859-00	765-00	734-00	803-00	729-00	643-00
9 Pepper	quintal	1,600-00	1,625-00	1,800-00	2,100-00	2,100-00	2,100-00
10 Turmeric	quintal	357-00	369-00	406-00	425-00	463-00	499-00
11 Cane Jaggery	quintal	219-00	234-00	236-00	256-00	265-00	264-00
12 Palm Jaggery	quintal	309-00	318-00	305-00	319-00	320-00	312-00
13 Sugar	kilogram	4.51	4.58	4.61	4.86	4.98	5.05
14 Salt	kilogram	0.16	0.16	0.16	0.16	0.16	0.16
15 Coriander	quintal	436-00	471-00	568-00	682-00	708-00	727-00
16 Coconut (husked)	100 nuts	81-00	74-00	74-00	81-00	91-00	94-00
17 Ghee Agmark	kilogram	20.50	21-00	21.25	22.75	23.50	26.50
18 Coir Yarn	quintal	240-00	240-00	240-00	240-00	240-00	240-00
19 Coconut oil	kilogram	9.21	9.11	8.81	9.92	10.07	11.76
20 Gingelly oil	kilogram	8.23	8.57	7.08	7.06	7.70	9.46
21 Cotton seed	quintal	131-00	131-00	133-00	150-00	150-00	159-00
22 Arccanut (Unhusked)	quintal	713-00	N.T.	N.T.	N.T.	N.T.	N.T.
23 Tobacco	quintal	1,277-00	1,150-00	1,217-00	1,222-00	1,238-00	1,225-00

N.T. = No Transaction.

Average Retail Prices of Select Commodities in Tamil Nadu—cont.

Commodity.	Unit.	October 1976	November 1976	December 1976	January 1977	February 1977	March 1977
(1)	(2)	(14)	(15)	(16)	(17)	(18)	(19)
		RS.	RS.	RS.	RS.	RS.	
1 Rice, I sort	quintal	231·00	248·00	211·00	192·00	198·00	192·00
2 Rice, II sort	quintal	199·00	205·00	186·00	179·00	188·00	178·00
3 Wheat	quintal	196·00	188·00	191·00	221·00	221·00	217·00
4 Cholam	quintal	151·00	158·00	137·00	123·00	129·00	133·00
5 Cumbu	quintal	129·00	138·00	135·00	124·00	125·00	130·00
6 Ragi	quintal	120·00	132·00	129·00	130·00	129·00	131·00
7 Redgram dhal	kilogram	2·45	2·67	2·84	3·24	3·66	3·83
8 Chillies	quintal	617·00	697·00	678·00	657·00	758·00	782·00
9 Pepper	quintal	2,100·00	2,350·00	2,400·00	2,350·00	2,300·00	2,300·00
10 Turmeric	quintal	524·00	523·00	570·00	573·00	579·00	604·00
11 Cane Jaggery	quintal	255·00	260·00	248·00	216·00	200·00	197·00
12 Palm Jaggery	quintal	327·00	334·00	339·00	337·00	298·00	300·00
13 Sugar	kilogram	4·94	4·78	4·58	4·35	4·33	4·27
14 Salt	kilogram	0·16	0·16	0·16	0·16	0·16	0·16
15 Coriander	quintal	774·00	896·00	988·00	917·00	666·00	633·00
16 Coconut (Husked)	100 nuts	106·00	129·00	137·00	136·00	114·00	104·00
17 Ghee Agmark	kilogram	28·00	26·00	21·00	21·00	21·00	20·00
18 Coir yarn	quintal	240·00	225·00	220·00	220·00	220·00	220·00
19 Coconut Oil	kilogram	13·48	14·38	16·21	15·98	14·37	12·34
20 Gingelly oil	kilogram	9·06	9·12	9·52	10·25	10·71	10·64
21 Cotton Seed	quintal	161·00	163·00	166·00	173·00	176·00	166·00
22 Arceanut (unhusked)	quintal	N.T.	N.T.	N.T.	N.T.	N.T.	N.T.
23 Tobacco	quintal	1,225·00	1,206·00	1,143·00	1088·00	1,006·00	988·00

N.T.—No. Transaction.

INDEX NUMBERS OF WHOLESALE PRICES OF FOODGRAINS AND COMMERCIAL PRODUCTS IN TAMIL NADU.

(Prices on 21st August 1939=100)

During the quarter ended March 1977, the index number of wholesale prices of foodgrains fluctuated. As compared with the index for December 1976, the index number declined by 86 points from 1861 in December 1976 to 1775 in March 1977 or by 4.6 per cent. A fall in the prices of rice I and II sorts, cholam and ragi was responsible for the downward trend in the index.

The index number of wholesale prices of commercial products receded by 57 points from 2778 in December 1976 to 2721 in March 1977 or by 2.1 per cent. A fall in the prices of pepper, turmeric, cane jaggery, sugar (open market), castor, coconut, ghee, coconut oil, tobacco and tanned hides and skins contributed for the decline in the index.

INDEX NUMBERS OF WHOLESALE PRICES OF FOOD GRAINS AND COMMERCIAL PRODUCTS IN TAMIL NADU.

(Prices on 21st August 1939=100).

Period.								Foodgrains.	Commercial products.	Composite Index.
(1)								(2)	(3)	(4)
1972	..	..	..	..	..	..	..	1,112	1,498	1,327
1973	..	..	..	..	..	..	..	1,192	2,017	1,653
1974	..	..	..	..	..	..	..	2,102	2,265	2,193
1975	..	..	..	..	..	..	..	2,512	2,391	2,445
1976	.	.	.	.	.	.	..	1,730	2,463	2,139
1976										
April	..	..	..	..	..	..	..	1,499	2,274	1,932
May	..	..	..	..	..	..	..	1,506	2,227	1,909
June	..	..	..	..	..	..	..	1,554	2,261	1,949
July	..	..	..	..	..	..	..	1,768	2,474	2,163
August	..	..	..	..	..	..	..	1,885	2,557	2,261
September	..	..	..	..	..	..	..	1,891	2,687	2,336
October	..	..	..	..	..	..	..	1,891	2,707	2,347
November	..	..	..	..	..	..	..	1,997	2,710	2,395
December	..	..	..	..	..	..	..	1,861	2,778	2,374
1977										
January	..	..	..	..	..	..	..	1,748	2,787	2,329
February	..	:	..	..	..	..	..	1,823	2,830	2,386
March	..	..	..	..	..	..	..	1,775	2,721	2,303

CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS.

(1960=100)

During the quarter ended March 1977, the Consumer Prices Index numbers for March 1977 as compared to January 1977 advanced in Cuddalore and Madurai centres declined in Tiruchirappalli, Coimbatore and Nagercoil Centres and remained unchanged in Madras City and Coonoor.

As compared with the index for December 1976 the index for March 1977 was higher by two points at Cuddalore, while the index was lower by 33 points at Nagercoil, seven points each at Madras City and Tiruchirappalli, five points at Madurai and by two points each at Coimbatore and Coonoor.

As regards Madras City, the Consumer Price Index number was lower by seven points from 305 in December 1976 to 298 in January 1977. This fall was due mainly to lower prices of rice ragi, bengalgram, dhal, curd, ghee, chillies (dry), ginger (dry and fresh), certain items of vegetables and fruits and gur. The index for February 1977 and March 1977 remained unaltered.

CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS

(1960=100)

		Madras City.	Cuddalore	Tiruchira- palli.	Madurai	Coimbatore	Nagercoil	Coonoor*
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1972	197	201	208	201	185	219	193
1973	221	224	246	226	207	255	214
1974	281	296	329	306	282	339	307
1975	325	325	372	352	331	390	314
1976	283	289	313	296	300	330	295
1976								
April	272	277	282	280	281	311	286
May	273	274	285	284	283	319	288
June	276	268	288	287	285	314	287
July	281	283	313	291	300	315	299
August	280	290	327	293	312	317	300
September	283	292	328	295	313	339	302
October	289	299	331	303	315	341	303
November	298	315	343	316	313	344	308
December	305	310	333	321	312	355	308
1977								
January	298	303	327	315	312	353	301
February	298	317	336	318	315	357	304
March	298	312	326	316	310	322	301

* Relates to Plantation Workers.

CONSUMER PRICE INDEX NUMBERS FOR URBAN NON-MANUAL EMPLOYEES

The Consumer Price Index Number for Urban Non-Manual Employees in December 1976 (1960 = 100) appreciated by nine points to 302 in Madras City and two points to 296 in Tiruchirappalli while it registered a fall of 13 points to 290 in Madurai when compared with the index for September 1976.

CONSUMER PRICE INDEX NUMBERS FOR URBAN NON-MANUAL EMPLOYEES.

(1960=100)

<i>Period.</i>								<i>Madras.</i>	<i>Madurai.</i>	<i>Tiruchirappalli.</i>
(1)								(2)	(3)	(4)
1972	..	..	..	..	..	..	..	200	175	194
1973	..	..	..	..	..	..	..	222	199	209
1974	..	..	..	..	..	..	..	275	264	273
1975	..	..	..	..	..	..	..	310	306	313
1976	..	..	..	..	..	..	..	292	285	282
1976										
January	..	..	..	..	..	..	..	297	279	286
February	..	..	..	..	..	..	..	291	273	275
March	..	..	..	..	..	..	..	287	271	268
April	..	..	..	..	..	..	..	285	271	262
May	..	..	..	..	..	..	..	285	274	263
June	..	..	..	..	..	..	..	287	274	270
July	..	..	..	..	..	..	..	290	291	283
August	..	..	..	..	..	..	..	291	296	292
September	..	..	..	..	..	..	..	293	303	294
October	..	..	..	..	..	..	..	296	298	298
November	..	..	..	..	..	..	..	299	296	302
December	..	..	..	..	..	..	..	302	290	296

(Source : Central Statistical Organisation, New Delhi.)

INDEX NUMBERS OF RURAL PRICES FOR SELECT CENTRES.

(Year Ended June 1936=100).

During the quarter ended March 1977, the index number of rural prices for Puliur, Agaram, Gokilapuram and Kinathukadavu advanced while that of Thulayanatham, Eriodu, Guduvancheri and Kunnathur declined.

When compared with the index in December 1976, the rural price index number for March 1977 was higher by six points (0.4 per cent) at Agaram, 36 points (2.0 per cent) at Puliur, 106 points (5.0 per cent) at Gokilapuram and 174 points (9.8 per cent) at Kinathukadavu while the index was lower by 23 points (1.3 per cent) at Kunnathur, 37 points (2.0 per cent) at Eriodu, 72 points (3.4 per cent) at Thulayanatham and 76 points (4.1 per cent) at Guduvancheri.

INDEX NUMBERS OF RURAL PRICES FOR SELECT CENTRES.

(Year Ended June 1936=100)

Period.	South Arcot.		Tiruchi-rappalli.		Madurai.		Coimbatore.		Chengalpattu.	
	Puliur.	Agaram.	Thulayanatham.	Eriodu.	Gokilapuram.	Kinathukadavu.	Guduvancheri.	Kunnathur.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		
1972	1,038	1,006	1,061	1,091	1,239	1,047	1,090	1,000		
1973	1,215	1,168	1,162	1,245	1,500	1,310	1,288	1,195		
1974	1,709	1,594	1,693	2,010	2,240	2,242	1,954	1,886		
1975	2,028	1,736	2,083	2,302	2,452	2,527	2,211	2,136		
1976	1,635	1,534	1,837	1,737	1,996	1,821	1,598	1,551		
1976—										
April	1,504	1,432	1,656	1,600	1,811	1,640	1,604	1,577		
May	1,499	1,422	1,706	1,633	1,790	1,698	1,448	1,420		
June	1,522	1,416	1,713	1,595	1,842	1,682	1,401	1,369		
July	1,665	1,544	1,872	1,788	2,134	1,940	1,493	1,430		
August	1,724	1,598	1,901	1,800	2,200	2,068	1,526	1,497		
September	1,764	1,633	1,939	1,846	2,175	2,047	1,559	1,536		
October	1,772	1,645	2,004	1,893	2,130	1,916	1,665	1,632		
November	1,843	1,716	2,065	1,968	2,160	1,843	1,836	1,825		
December	1,845	1,711	2,106	1,895	2,141	1,778	1,834	1,781		
1977—										
January	1,830	1,694	2,049	1,910	2,304	1,873	1,798	1,748		
February	1,914	1,764	2,033	1,876	2,296	2,019	1,783	1,798		
March	1,881	1,717	2,034	1,858	2,247	1,952	1,758	1,758		

INDEX NUMBER OF PRICES RECEIVED AND PRICES PAID BY THE FARMER AND THE INDEX NUMBER OF PARITY.

(1954-55=100)

During the quarter ended March 1977, the index number of farm prices received by the farmer advanced by 21 points from 385 in December 1976 to 406 in March 1977 or by 5.5 per cent.

The Index Number of Prices paid by the farmer (cultivation costs and domestic expenditure) also increased marginally by three points from 531 in December 1976 to 534 in March 1977 or by 0.6 per cent.

Consequently, the index of parity between the prices received by the farmer and the prices paid by the farmer moved up by three points from 73 in December 1976 to 76 in March 1977 or by 4.1 per cent.

**INDEX NUMBERS OF PRICES RECEIVED AND PRICES PAID BY THE FARMER
AND THE INDEX NUMBER OF PARITY.**

<i>Period.</i>					<i>Index number of prices received by the farmer.</i>	<i>Index number of prices paid by the farmer.</i>	<i>Index number of parity.</i>
(1)					(2)	(3)	(4)
1972	..	..	..	..	238	295	81
1973	..	..	..	..	279	325	86
1974	..	..	..	..	440	465	94
1975	..	..	..	..	501	553	91
1976	..	..	..	..	378	507	75
1976—							
April	..	..	..	..	351	478	73
May..	..	..	..	..	337	470	72
June..	..	..	..	..	357	489	73
July	..	..	..	..	418	515	81
August	..	..	..	..	427	526	81
September	..	..	..	..	419	527	80
October	..	..	..	..	404	523	76
November	..	..	..	..	393	535	73
December	..	..	..	..	385	531	73
1977—							
January	..	..	..	..	404	533	75
February	..	..	..	..	423	539	76
March	..	..	..	..	406	534	76

XII. TRADE.

FOREIGN TRADE.

The total value of foreign imports and exports through the ports of Tamil Nadu during the Quarter Ended September 1975 was of the order of Rs. 226.21 crores, of which exports accounted for 34.82 per cent.

When compared with corresponding quarter of the previous year, the imports increased by 32.04 per cent and the exports fell by 2.67 per cent during the quarter ended September 1975.

QUANTUM OF FOREIGN IMPORTS AND EXPORTS THROUGH THE PORTS OF TAMIL NADU—QUARTER ENDED SEPTEMBER 1975.

		(VALUE RUPEES IN LAKHS).	
<i>Port.</i>		<i>Import.</i>	<i>Export.</i>
		(2)	(3)
Madras .. .. .	.. .. .	88,66-	63,37-
Cuddalore .. .. .	.. .. .	993	29
Nagapattinam .. .. .	.. .. .	984	81
Tuticorin .. .. .	.. .. .	29,05	134
St. Thomas Mount (Air Port) .. .. .	.. .. .	997-	12,94-
Miruchirappalli (Air Port) .. .. .	.. .. .	..	..
Total ..		<u>1,47,45</u>	<u>78,76</u>

—Provisional.

XIII. LABOUR AND EMPLOYMENT.

EMPLOYMENT POSITION.

During the quarter ended March 1977, 64,843 applicants had registered with the Employment Exchanges as against 81,453 during the previous quarter. This showed a decrease of 20.4 per cent. The number of persons placed in employment through the Employment Exchanges during the quarter under review was 8,243 while 8,985 were placed in employment during the previous quarter showing a decrease of 8.3 per cent. The number of persons on the Live Registers at the end of the quarter ended March 1977 increased by 6.0 per cent. The number of persons on the Live Registers at the end of the quarter ended March 1977 was 8,84,052.

REGISTRATIONS AND PLACEMENTS THROUGH EMPLOYMENT EXCHANGES.

District.	Number on the live register during the quarter ended.		
	December 1976.	March 1977.	Percentage variation.
(1)	(2)	(3)	(4)
1 Madras	1,56,073	1,67,323	+ 7.2
2 Chengalpattu	67,240	72,280	+ 7.5
3 South Arcot	38,756	40,751	+ 5.1
4 North Arcot	51,522	54,515	+ 5.8
5 Dharmapuri	23,159	24,501	+ 5.8
6 Salem	42,381	44,452	+ 4.9
7 Coimbatore	70,663	74,661	+ 5.7
8 The Nilgiris	19,691	20,989	+ 6.6
9 Tiruchirappalli	1,04,338	1,08,998	+ 4.5
10 Thanjavur	62,505	66,171	+ 5.9
11 Pudukottai	15,114	15,684	+ 3.
12 Madurai	66,293	70,997	+ 7.1
13 Ramanathapuram	36,102	38,164	+ 5.7
14 Tirunelveli	42,277	44,959	+ 6.3
15 Kanyakumari	37,577	39,607	+ 5.4
State	8,33,691	8,84,052	+ 6.0

REGISTRATIONS AND PLACEMENTS THROUGH EMPLOYMENT EXCHANGES— cont.

District.						Registration during the quarter ended.		
						December 1976.	March 1977.	Percentage variation.
(1)						(5)	(6)	(7)
1 Madras ..	..	..	..	..	..	15,688	14,170	— 9.7
2 Chengalpattu ..	..	..	..	..	..	7,170	6,282	— 12.4
3 South Arcot ..	..	..	..	..	..	4,125	3,302	— 20.0
4 North Arcot ..	..	..	..	..	..	6,233	3,923	— 37.1
5 Dharmapuri ..	..	..	..	..	..	2,410	1,760	— 27.0
6 Salem ..	..	..	..	..	..	5,016	3,112	— 38.0
7 Coimbatore ..	..	..	..	..	..	6,994	4,826	— 31.0
8 The Nilgiris ..	..	..	..	..	..	1,968	1,724	— 12.4
9 Tiruchirappalli ..	..	..	..	..	..	6,454	5,326	— 17.5
10 Thanjavur ..	..	..	..	..	..	6,569	5,025	— 23.5
11 Pudukottai ..	..	..	..	..	..	1,199	891	— 25.7
12 Madurai ..	..	..	..	..	..	6,096	5,688	— 6.7
13 Ramanathapuram ..	..	..	..	..	..	4,816	2,630	— 45.4
14 Tirunelveli ..	..	..	..	..	..	4,598	3,554	— 22.7
15 Kanniyakumari ..	..	..	..	..	..	2,117	2,630	+ 24.2
State ..						81,453	64,843	— 20.4

District.						Placement during the quarter ended.		
						December 1976.	March 1977.	Percentage variation.
(1)						(8)	(9)	(10)
1 Madras ..	..	..	..	..	..	2,348	1,834	— 21.9
2 Chengalpattu ..	..	..	..	..	..	643	549	— 14.6
3 South Arcot ..	..	..	..	..	..	538	811	+ 50.7
4 North Arcot ..	..	..	..	..	..	570	638	+ 11.9
5 Dharmapuri ..	..	..	..	..	..	425	246	— 42.1
6 Salem ..	..	..	..	..	..	430	493	+ 14.7
7 Coimbatore ..	..	..	..	..	..	824	562	— 31.8
8 The Nilgiris ..	..	..	..	..	..	336	364	+ 8.3
9 Tiruchirappalli ..	..	..	..	..	..	614	332	— 45.9
10 Thanjavur ..	..	..	..	..	..	593	730	+ 23.1
11 Pudukottai ..	..	..	..	..	..	98	191	+ 94.9
12 Madurai ..	..	..	..	..	..	493	499	+ 1.2
13 Ramanathapuram ..	..	..	..	..	..	369	301	— 18.4
14 Tirunelveli ..	..	..	..	..	..	549	424	— 22.8
15 Kanniyakumari ..	..	..	..	..	..	155	269	+ 73.5
State ..						8,985	8,243	— 8.3

PLANTATION LABOUR.

During the quarter ended September 1976, 308 plantations were registered under the Plantation Act comprising of 143 Tea, 134 Coffee, 27 Rubber and 4 Cinchona plantations in Tamil Nadu. Of these, 247 plantations comprising of 113 Tea, 105 Coffee, 25 Rubber and 4 Cinchona plantations reported statistics relating to labour employed by them.

Tea plantations.—The total number of workers employed during the quarter ended September 1976 in Tea plantations was 51,862 as against 52,897 during the quarter ended June 1976. The number of permanent workers employed during the quarter ended September 1976 was, 46,631. The average daily earnings of permanent garden labour men, women and minor workers were Rs. 6.23, Rs. 6.99 and Rs. 4.23 respectively. For outside labour-men-women the earnings were Rs. 5.99 and Rs. 6.86 respectively. Minor workers were not employed.

Coffee plantations.—The total number of workers employed during the quarter ended September 1976 was 8,404 as against 7,597 during the previous quarter. The number of permanent workers employed during the quarter under review was 5,159. The average daily earnings of permanent garden labour men, women and minors, were Rs. 5.34, Rs. 4.88 and Rs. 3.66 respectively. The earnings of outside labour-men-women and minors were Rs. 4.34, Rs. 3.93 and Rs. 2.56 respectively.

Rubber plantations.—Total number of workers employed during the quarter ended September 1976 in Rubber plantations was 1,451 as against 1,512 during the previous quarter. The number of permanent workers employed during the quarter ended September 1976 was 1,374. The average daily earnings of permanent garden labour, men and women workers, were Rs. 7.66 and Rs. 6.56 respectively. The corresponding earnings for outside labour-men-women were Rs. 7.51 and Rs. 6.59 respectively.

Cinchona plantations.—The total number of workers employed during the quarter ended September 1976 in cinchona plantations was 2,222 as against 714 during the previous quarter. The number of permanent workers employed during the quarter ended September 1976 was 1,609. The average daily earnings of permanent garden labour-men, women and minors were Rs. 6.29, Rs. 7.29 and Rs. 7.62 respectively.

WORKERS IN PLANTATIONS.

Plantation.	Total.		June 1976			Total		September 1976.		
	Number of workers.		Number of permanent workers.		Average daily attendance of permanent workers.	Number of workers.		Number of permanent workers.		Average daily attendance of permanent workers.
(1)	(2)		(3)		(4)	(5)		(6)		(7)
Tea	52	897	49	082	41 045	51	862	46	631	38 905
Coffee ..	7	597	4	934	4 059	8	404	5	159	4 286
Rubber ..	1	512	1	387	1 242	1	471	1	374	1 156
Cinchona ..	714		405		336	222		609		331

AVERAGE DAILY EARNINGS OF WORKERS IN PLANTATIONS

Category of Plantations	Workers	Average daily earnings			
		June 1976		September 1976	
		Garden Labour	Outside Labour	Garden Labour	Outside Labour
		RS.	RS.	RS.	RS.
Tea	Men	6.70	6.22	6.23*	5.99
	Women	6.66	5.72	6.99**	6.86
	Minors	3.74	..	4.23	..
Coffee	Men	5.70	4.97	5.34	4.34
	Women	5.04	4.45	4.88	3.93
	Minors	3.82	..	3.66	2.56
Rubber	Men	7.49	7.45	7.66	7.51
	Women	6.85	6.60	6.56	6.59
Cinchona	Men	4.63	..	6.29***	..
	Women	4.01	..	7.20***	..
	Minors	..	..	7.62***	..

NOTE —*The decrease in the average daily earnings of men workers during the quarter ended September 1976 was due to reduction of dearness allowance paid to the workers based on the cost of living Index that prevailed during that period.

** The increase in the average daily earnings of women and minor workers during the quarter ended September 1976 was due to incentive payments paid to them. Generally women and minors pluck more green leaf than men workers. Men workers are primarily engaged in cultivation operations of the estates.

*** The increase in the average daily earnings of men, women and minor workers in cinchona plantations during the quarter ended September 1976 as compared with June 1976, was due to payments of leave with wages, sickness allowance, maternity benefit, way expenses and retrenchment compensation, etc., paid during the quarter in one particular estate.

XIV. STATE FINANCE.

RECEIPT AND EXPENDITURE.

The receipts under Revenue Account for 1976-77 was Rs. 6,14,49 lakhs (Revised Estimates) as against Rs. 5,63,36 lakhs (Accounts) for the previous year.

The expenditure under Revenue Account was Rs. 6,27,27 lakhs (Revised Estimates) as against Rs. 5,57,92 lakhs (Accounts) for the previous year.

There was a deficit of Rs. 1,278 lakhs in 1976-77 as against a surplus of Rs. 544 lakhs in the previous year.

RECEIPT AND EXPENDITURE ON REVENUE ACCOUNT.

(RUPEES IN LAKHS.)

<i>Item.</i>				1972-73 <i>Accounts.</i>	1973-74 <i>Accounts.</i>	1974-75 <i>Accounts.</i>	1975-76 <i>Accounts.</i>	1976-77 <i>Revised Estimate.</i>
(1)				(2)	(3)	(4)	(5)	(6)
Receipts	..	..	..	4,38,08	4,86,30	5,20,29	5,63,36	6,14,49
Expenditure	..	..	..	4,17,04	4,72,63	5,28,36	5,57,92	6,27,27
Surplus or Deficit	..	..	..	(+ )27,04	(—)13,67	(—)8,07	(+)5,44	(—)12,78

XV. STATE INCOME.

TREND IN STATE INCOME.

According to quick estimates, the State Income for Tamil Nadu for 1975-76 has shown an increase of 16.2 per cent at current prices over the previous year.

This increase has been attributed to a record production of 77.6 lakh tonnes of foodgrains during the year as against 47.97 lakh tonnes in 1974-75. The increase in agricultural production was accounted for mainly by cereals viz., Rice (+64 per cent), Jowar (+50.0 per cent), Bajra (+60.0 per cent), Maize (+87 per cent) and Ragi (+36.0 per cent) and supplemented by increased production in Groundnut (56.0 per cent), Cotton (+42.0 per cent), Tobacco (+170.0 per cent) Chillies (+24.0 per cent) and Turmeric (+56.0 per cent).

In percentage terms of value for agricultural sector, while there was an increase of 27.1 per cent for Tamil Nadu, there was a decrease of 4.9 per cent for the All India. On the whole, the development in the agricultural front during 1975-76 has been satisfactory for Tamil Nadu.

The other sectors, which have also attributed to the increase, are Manufacturing (Registered (4.7 per cent), construction (7.3 per cent), Transport by other means (13.0 per cent) and trading activities (22.4 per cent).

The performance of production in the traditional industrial goods especially Textiles (5.5 per cent), Mixed fertilizers (531.8 per cent), Cement (8.9 per cent) and Electricity (6.0 per cent), Tea (14.6 per cent) and Coffee (4.1 per cent) and the increased activity in the mining industry (8.2 per cent) supplemented by the industrial discipline enabled the manufacturing sector to forge ahead, in spite of the economic strain suffered during the first half of the year under review. This has proved that the performance of Agricultural Sector during the year was far better than the industrial sector, thereby restoring the tempo of overall economic development in 1975-76, which suffered severe set-back during the previous year.

Construction industry also gathered record momentum in 1975-76, in which the building cost index number for labour registered a steep rise to the extent of 374.8 points in 1975-76 from 241.5 in 1974-75 (1961-62=100).

Transport by other means sector showed an increase of 13.0 per cent, of which the mechanised road transport accounts for a larger share due to increase in fleet strength, expanded operation and revision of fares.

Considering the aspect of growth in real terms, it may be stated that the increase in all sectors other than Agriculture showed a snail's pace resulting very marginal increase of Rs. 2 only in the per capita income in 1975-76 over 1973-74, overcoming the set-back suffered in 1974-75.

Taking an overall view, the real State Income rose by 3.68 per cent in the Fourth Plan period 2.13 per cent between 1966-69 Annual Plans, and 1.18 per cent in the Third Plan.

NET STATE DOMESTIC PRODUCT AT FACTOR COST BY INDUSTRY OF ORIGIN AT CURRENT PRICES.

(RUPEES IN LAKHS).

Industry.		1960-61	1970-71	1971-72	1972-73	1973-74@	1974-75†	1975-76‡
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Agriculture.	5,64,37	9,32,24	11,26,91	11,73,60	15,00,26	14,56,34	18,50,90
2	Forestry and logging	3,53	8,15	10,66	9,03	10,32	14,95	11,47
3	Fishing	8,96	20,34	22,10	26,22	30,42	30,56	31,56
4	Mining and Quarrying	1,16	10,79	13,48	13,24	15,63	18,28	19,78
Sub-Total : Primary		5,78,02	9,71,52	11,73,15	1,22,09	15,56,63	15,20,13	19,13,71
5.1	Manufacturing (Under factories Act)	88,38	2,43,47	2,74,01	2,93,99	3,07,98	4,28,09	4,48,38
5.2	Manufacturing (Others)	78,63	1,91,50	2,04,11	2,22,23	3,28,59	3,55,19	3,79,89
6	Construction	18,27	56,92	61,66	65,14	74,31	81,76	87,69
7	Electricity, Gas and Water supply	10,28	27,20	29,86	33,29	33,86	35,37	38,99
Sub-Total : Secondary		1,95,56	5,19,09	5,69,64	6,14,65	7,44,74	9,00,41	9,54,95
8.1	Railways	12,41	29,08	30,04	29,86	26,19	26,54	26,54
8.2	Transport by other means.	19,61	76,70	85,08	92,64	1,00,20	1,07,76	1,21,82
8.3	Communication	6,21	27,05	28,63	28,77	37,21	38,39	38,39
Trade, Storage Hotels and Restaurants		1,27,79	3,10,13	3,37,87	3,88,86	4,98,74	5,62,30	6,88,50
Sub-Total		1,66,02	4,42,96	4,81,62	5,40,13	6,62,34	7,34,99	8,75,25
10	Banking and Insurance	14,16	50,41	64,29	74,71	88,60	1,05,35	1,05,35
11	Real estate and ownership of dwellings	23,82	51,35	55,36	60,82	66,86	71,17	78,51
Sub-Total		37,98	1,01,76	1,19,65	1,35,53	1,55,26	1,76,52	1,83,86
12	Public Administration	28,79	79,37	93,24	99,44	1,19,90	1,29,92	1,34,91
13	Other Services	1,05,48	2,08,20	2,30,22	2,47,16	2,84,73	3,18,88	3,32,13
Sub-Total		1,34,27	2,87,57	3,23,46	3,46,60	4,04,63	4,48,80	4,67,04
14	Net State Domestic Product at Factor Cost for Tamil Nadu	11,11,85	23,22,90	26,67,52	28,59,00	35,23,60	37,80,85	43,94,81
15	Per capita Net State Domestic Product for Tamil Nadu (in Rs.)	3,34	5,68	6,40	6,70	8,10	8,50	9,66
16	Per capita Net State Domestic Product for All-India (Rs.)	3,06	6,37	6,61	7,00	8,52	N.A.	N.A.

@ Partially Revised.

† Preliminary.

‡ Quick Estimates.

N.A. = Not Available.

NET STATE DOMESTIC PRODUCT AT FACTOR COST BY INDUSTRY OF ORIGIN AT CONSTANT (1960-61) PRICES.

(RUPEES IN LAKHS.)

Industry.	1960-61	1970-71	1971-72	1972-73	1973-74@	1974-75†	1975-76‡
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1 Agriculture	5,64,37	5,64,15	6,05,72	5,92,36	6,33,89	4,50,59	6,56,29
2 Forestry and logging ..	3,53	5,19	5,29	4,27	4,20	4,02	4,09
3 Fishing	8,96	17,50	19,00	20,88	22,96	21,79	22,95
4 Mining and Quarrying ..	1,16	9,90	10,20	7,59	9,00	7,98	8,27
Sub-Total : Primary ..	5,78,02	5,96,74	6,40,21	6,25,10	6,70,05	4,84,38	6,91,60
5-1 Manufacturing (under factories Act)	88,38	1,61,29	1,62,53	1,65,27	1,58,82	1,73,84	1,73,75
5-2 Manufacturing (others) ..	78,63	1,30,37	1,37,48	1,45,04	1,53,08	1,61,65	1,70,76
6 Construction	18,27	29,67	31,17	32,74	34,39	36,14	37,98
7 Electricity, Gas and Water Supply	10,28	23,74	26,11	26,83	27,11	28,30	31,26
Sub-Total : Secondary ..	1,95,56	3,45,07	3,57,29	3,69,88	3,73,40	3,99,93	4,13,75
8-1 Railways	12,41	21,25	21,28	22,28	21,30	21,82	21,82
8-2 Transport by other means.	19,61	42,74	45,29	47,20	49,11	51,02	52,66
8-3 Communication	6,21	14,56	14,64	14,75	17,95	18,07	18,07
9 Trade, Storage, Hotels and Restaurants	1,27,79	1,57,42	1,67,26	1,68,34	1,77,49	1,45,30	1,80,24
Sub-Total	1,66,02	2,35,97	2,48,47	2,52,57	2,65,85	2,36,21	2,72,79
10 Banking and Insurance ..	14,16	24,65	29,95	32,62	31,38	32,13	32,13
11 Real Estate and ownership of dwellings	23,82	31,23	32,09	32,99	33,92	34,87	35,84
Sub-Total	37,98	55,88	62,04	65,61	65,30	67,00	67,97
12 Public Administration ..	28,79	64,00	72,34	74,85	88,12	92,78	93,24
13 Other Services	1,05,48	1,29,54	1,31,47	1,33,39	1,35,50	1,37,62	1,38,99
Sub-Total	1,34,27	1,93,54	2,03,81	2,08,24	2,23,62	2,30,40	2,32,23
14 Net State Domestic at Factor cost for Tamil Nadu	11,11,85	14,27,20	15,11,82	15,21,40	15,98,22	14,17,92	16,78,34
15 Per capita Net State Domestic Product for Tamil Nadu (in Rs.)	3,34	3,49	3,63	3,56	3,67	3,19	3,69
16 Per capita Net State Domestic Product for All India (Rs.)	3,06	3,52	3,50	3,38	3,47	N.A.	N.A.

@Partially Revised.

† Preliminary.

‡ Quick Estimates.

N.A.=Not Available.